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# UPSC MAINS GENERAL STUDIES Questions Papers (2001-2018)









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#### **UPSC Mains General Studies SYLLABUS**



#### **SYLLABUS**

# UPSC Mains : General Studies Paper-1 "Indian Heritage and Culture, History and Geography of the World and Society"

- Indian culture will cover the salient aspects of Art Forms, Literature and Architecture from ancient to modern times.
- Modern Indian history from about the middle of the eighteenth century until the present- significant events, personalities, issues
- The Freedom Struggle its various stages and important contributors /contributions from different parts of the country.
- Post-independence consolidation and reorganization within the country.
- History of the world will include events from 18th century such as industrial revolution, world wars, redrawal of national boundaries, colonization, decolonization, political philosophies like communism, capitalism, socialism etc.- their forms and effect on the society.
- Salient features of Indian Society, Diversity of India.
- Role of women and women's organization, population and associated issues, poverty and developmental issues, urbanization, their problems and their remedies.
- Effects of globalization on Indian society
- Social empowerment, communalism, regionalism & secularism.
- Salient features of world's physical geography.





- Distribution of key natural resources across the world (including South Asia and the Indian subcontinent);
   factors responsible for the location of primary, secondary, and tertiary sector industries in various parts of the world (including India)
- Important Geophysical phenomena such as earthquakes, Tsunami, Volcanic activity, cyclone etc.,
   geographical features and their location- changes in critical geographical features (including waterbodies and ice-caps) and in flora and fauna and the effects of such changes.

# UPSC Mains : General Studies Paper-2 "Governance, Constitution, Polity, Social Justice and International relations"

- Indian Constitution- historical underpinnings, evolution, features, amendments, significant provisions and basic structure.
- Functions and responsibilities of the Union and the States, issues and challenges pertaining to the federal structure, devolution of powers and finances up to local levels and challenges therein.
- Separation of powers between various organs dispute redressal mechanisms and institutions.
- Comparison of the Indian constitutional scheme with that of other countries
- Parliament and State Legislatures structure, functioning, conduct of business, powers & privileges and issues arising out of these.
- Structure, organization and functioning of the Executive and the Judiciary Ministries and Departments of the Government; pressure groups and formal/informal associations and their role in the Polity.
- Salient features of the Representation of People's Act.
- Appointment to various Constitutional posts, powers, functions and responsibilities of various Constitutional Bodies.
- Statutory, regulatory and various quasi-judicial bodies
- Government policies and interventions for development in various sectors and issues arising out of their design and implementation.
- Development processes and the development industry- the role of NGOs, SHGs, various groups and associations, donors, charities, institutional and other stakeholders
- Welfare schemes for vulnerable sections of the population by the Centre and States and the performance
  of these schemes; mechanisms, laws, institutions and Bodies constituted for the protection and betterment
  of these vulnerable sections.





- Issues relating to development and management of Social Sector/Services relating to Health, Education, Human Resources.
- Issues relating to poverty and hunger.
- Important aspects of governance, transparency and accountability, e-governance- applications, models, successes, limitations, and potential; citizens charters, transparency & accountability and institutional and other measures.
- Role of civil services in a democracy.
- India and its neighborhood- relations.
- Bilateral, regional and global groupings and agreements involving India and/or affecting India's interests
- Effect of policies and politics of developed and developing countries on India's interests, Indian diaspora.
- Important International institutions, agencies and fora- their structure, mandate

# UPSC Mains: General Studies Paper-3 "Technology, Economic Development, Bio diversity, Environment, Security and Disaster Management"

- Indian Economy and issues relating to planning, mobilization of resources, growth, development and employment.
- Inclusive growth and issues arising from it.
- Government Budgeting.
- Major crops cropping patterns in various parts of the country, different types of irrigation and irrigation systems storage, transport and marketing of agricultural produce and issues and related constraints; etechnology in the aid of farmers
- Issues related to direct and indirect farm subsidies and minimum support prices; Public Distribution System- objectives, functioning, limitations, revamping; issues of buffer stocks and food security; Technology missions; economics of animal-rearing.
- Food processing and related industries in India- scope and significance, location, upstream and downstream requirements, supply chain management.
- Land reforms in India.
- Effects of liberalization on the economy, changes in industrial policy and their effects on industrial growth.
- Infrastructure: Energy, Ports, Roads, Airports, Railways etc.



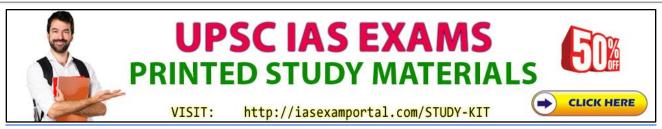


- Investment models.
- Science and Technology- developments and their applications and effects in everyday life
- Achievements of Indians in science & technology; indigenization of technology and developing new technology.
- Awareness in the fields of IT, Space, Computers, robotics, nano-technology, bio-technology and issues relating to intellectual property rights.
- Conservation, environmental pollution and degradation, environmental impact assessment
- Disaster and disaster management.
- Linkages between development and spread of extremism.
- Role of external state and non-state actors in creating challenges to internal security.
- Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money-laundering and its prevention
- Security challenges and their management in border areas; linkages of organized crime with terrorism
- Various Security forces and agencies and their mandate

# **UPSC Mains : General Studies Paper-4 "Ethics, Integrity, and Aptitude"**

This paper will include questions to test the candidates' attitude and approach to issues relating to integrity, probity in public life and his problem solving approach to various issues and conflicts faced by him in dealing with society. Questions may utilise the case study approach to determine these aspects. The following broad areas will be covered.

- Ethics and Human Interface: Essence, determinants and consequences of Ethics in human actions; dimensions of ethics; ethics in private and public relationships. Human Values – lessons from the lives and teachings of great leaders, reformers and administrators; role of family, society and educational institutions in inculcating values.
- Attitude: content, structure, function; its influence and relation with thought and behaviour; moral and political attitudes; social influence and persuasion.
- Aptitude and foundational values for Civil Service, integrity, impartiality and non-partisanship, objectivity, dedication to public service, empathy, tolerance and compassion towards the weaker sections.
- Emotional intelligence-concepts, and their utilities and application in administration and governance.





- Contributions of moral thinkers and philosophers from India and world.
- Public/Civil service values and Ethics in Public administration: Status and problems; ethical concerns
  and dilemmas in government and private institutions; laws, rules, regulations and conscience as sources
  of ethical guidance; accountability and ethical governance; strengthening of ethical and moral values in
  governance; ethical issues in international relations and funding; corporate governance.
- Probity in Governance: Concept of public service; Philosophical basis of governance and probity;
   Information sharing and transparency in government, Right to Information, Codes of Ethics, Codes of Conduct, Citizen's Charters, Work culture, Quality of service delivery, Utilization of public funds, challenges of corruption.
- Case Studies on above issues



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#### **UPSC Mains Exam General Studies Question Paper 2018**



2018

# UPSC Mains Exam General Studies Paper-1 2018

- Safeguarding the Indian art heritage is the need of the moment. Discuss. (Answer in 150 words) 10 Marks
- Assess the importance of the accounts of the Chinese and Arab travellers in the reconstruction of the history of India. (Answer in 150 words)10 Marks
- 3. Throw light on the significance of the thoughts of Mahatma Gandhi in the present times. (Answer in 150)10 Marks
- 4. Why is Indian Regional Navigational Satellite System (IRNSS) needed? How does it help in navigation? (Answer in 150 words)10 Marks
- 5. Why is India taking keen interest in resources of Arctic Region ? (Answer in 150 words)10 Marks
- 6. Define mantle plume and explain its role in plate tectonics. (Answer in 150 words)10 Marks
- 7. What are the consequences of spreading of 'Dead Zones' on marine ecosystem? (Answer in 150 words) 10 Marks
- "Caste system is assuming new identities and associational forms. Hence, caste system cannot be eradicated in India." Comment. (Answer in 150 words) 10 Marks

- 'Despite implementation of various programmes for eradication of poverty by the government in India, poverty is still existing.' Explain by giving reasons. (Answer in 150 words)10 Marks
- 10. How the Indian concept of secularism is different from the western model of secularism? Discuss. (Answer in 150 words)10 Marks
- The Bhakti movement received a remarkable reorientation with the advent of Sri Chaitanya Mahaprabhu. Discuss. (Answer in 250 words) 15 Marks
- 12. Discuss whether formation of new states in recent times is beneficial or not for the economy of India. (Answer in 250 words) 15 Marks
- 13. Why indentured labour was taken by the British from India to other colonies? Have they been able to preserve their cultural identity over there? (Answer in 250 words) 15 Marks
- 14. "The ideal solution of depleting ground water resources in India is water harvesting system. How can it be made effective in urban areas? (Answer in 250 words) 15 Marks
- Defining blue revolution, explain the problems and strategies for pisciculture development in India. (Answer in 250 words) 15 Marks
- 16. What is the significance of Industrial Corridors in India? Identifying industrial corridors, explain their





- main characteristics. (Answer in 250 words) 15 Marks
- 17. Mention core strategies for the transformation of aspirational districts in India and explain the nature of convergence, collaboration and competition for its success. (Answer in 250 words) 15 Marks
- "Women's movement in India has not addressed the issues of women of lower social strata. Substantiate your view. (Answer in 250 words) 15 Marks
- "Globalization is generally said to promote cultural homogenization but cultural specificities appear to be strengthened in the Indian Society' Elucidate. (Answer in 250 words) 15 Mark
- 20. "Communalism arises either due to power struggle or relative deprivation." Argue by giving suitable illustrations. (Answer in 250 words) 15 Marks

# UPSC Mains Exam General Studies Paper-2 2018

- In the light of recent controversy regarding the use of Electronic Voting Machines (EVM), what are the challenges before the Election Commission of India to ensure the trustworthiness of elections in India? (10 Marks)
- Whether National Commission for Scheduled Castes (NCSC) can enforce the implementation of constitutional reservation for the Scheduled Castes in the religious minority institutions? Examine. (10 Marks)
- Under what circumstances can the Financial Emergency be proclaimed by the President of India? What consequences follow when such a declaration remains in force? (10 Marks)
- Why do you think the committees are considered to be useful for parliamentary work? Discuss, in this context, the role of the Estimates Committee. (10 Marks)

- 5. "The Comptroller and Auditor General (CAG) has a very vital role to play." Explain how this is reflected in the method and terms of his appointment as well as the range of powers he can exercise. (10 Marks)
- "Policy contradictions among various competing sectors and stakeholders have resulted in inadequate 'protection and prevention of degradation to environment." Comment with relevant illustrations.
- 7. Appropriate local community level healthcare intervention is a prerequisite to achieve 'Health for All' in India. Explain.
- 8. E-governance in not only about utilization of the power of new technology, but also much about critical importance of the 'use value' of information. Explain. (10 Marks)
- "India's relations with Israel have, of late, acquired a depth and diversity, which cannot be rolled back." Discuss. (10)
- A number of outside powers have entrenched themselves in Central Asia, which is a zone of interest to India. Discuss the implications, in this context, of India's joining the Ashgabat Agreement, 2018. (10 Marks)
- 11. Whether the Supreme Court Judgement (July 2018) can settle the political tussle between the Lt. Governor and elected government of Delhi? Examine. (15 Marks)
- 12. How far do you agree with the view that tribunals curtail the jurisdiction of ordinary courts? In view of the above, discuss the constitutional validity and competency of the tribunals in India. (15 Marks)
- Indian and USA are two large democracies.
   Examine the basic tenets on which the two political systems are based.
- 14. How is the Finance Commission of India constituted? What do you know about the terms of reference of the recently constituted Finance Commission? Discuss. (15 Marks)



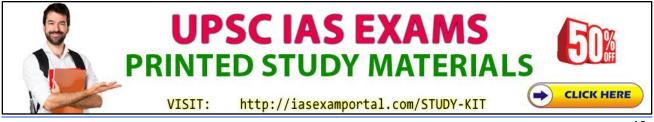


- 15. Assess the importance of the Panchayat system in India as a part of local government. Apart from government grants, what sources the Panchayats can look out for financing developmental projects? (15 Marks)
- 16. Multiplicity of various commissions for the vulnerable sections of the society leads to problems of overlapping jurisdiction and duplication of functions. Is it better to merge all commissions into an umbrella Human Rights Commission? Argue your case. (15 Marks)
- 17. How far do you agree with the view that the focus on lack of availability of food as the main cause of hunger takes the attention away from ineffective human development policies in India? (15 Marks)
- 18. The Citizen's Charter is an ideal instrument of organisational transparency and accountability, but it has its own limitations. Identify the limitations and suggest measures for greater effectiveness of the Citizen's Charters. (15 Marks)
- What are the key areas of reform if the WTO has to survive in the present context of 'Trade War', especially keeping in mind the interest of India? (15 Marks)
- 20. In what ways would the ongoing US-Iran Nuclear Pact Controversy affect the national interest of India? How should India respond to its situation? (15 Marks)

# UPSC Mains Exam General Studies Paper-3 2018

 "Access to affordable, reliable, sustainable and modern energy is the sine qua non to achieve Sustainable Development Goals (SDGs)." Comment on the progress made in India in this regard. (Answer in 150 words) 10 Marks

- Comment on the important changes introduced in respect of the Long-term Capital Gains Tax (LCGT) and Dividend Distribution Tax (DDT) in the Union Budget for 2018-2019. (Answer in 150 words) 10 Marks
- What do you mean by Minimum Support Price (MSP)? How will MSP rescue the farmers from the low income trap? (Answer in 150 words) 10 Marks
- 4. Examine the role of supermarkets in supply chain management of fruits, vegetables and food items. How do they eliminate number of intermediaries? (Answer in 150 words) 10 Marks
- Discuss the work of 'Bose-Einstein Statistics' done by Prof. Satyendra Nath Bose and show how it revolutionized the field of Physics. (Answer in 150 words) 10 Marks
- 6. What are the impediments in disposing the huge quantities of discarded solid wastes which are continuously being generated? How do we remove safely the toxic wastes that have been accumulating in our habitable environment? (Answer in 150 words) 10 Marks
- What is wetland? Explain the Ramsar concept of wise use' in the context of wetland conservation. Cite two examples of Ramsar sites from India. (Answer in 150 words) 10 Marks
- Sikkim is the first 'Organic State' in India. What are the ecological and economical benefits of Organic State? (Answer in 150 words) 10 Marks
- The China-Pakistan Economic Corridor (CPEC) is viewed as a cardinal subset of China's larger 'One Belt One Road' initiative. Give a brief description of CPEC and enumerate the reasons why India has distanced itself from the same. (Answer in 150 words) 10 Marks
- 10. Left Wing Extremism (LWE) is showing a downward trend, but still affects many parts of the country. Briefly explain the Government of India's approach to counter the challenges posed by LWE. (Answer in 150 words) 10 Marks





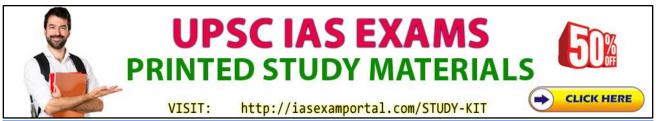
- 11. How are the principles followed by the NITI Aayog different from those followed by the erstwhile Planning Commission in India? (Answer in 250 words) 15 Marks
- 12. How would the recent phenomena of protectionism and currency manipulations in world trade affect macroeconomic stability of India? (Answer in 250 words) 15 Marks
- 13. Assess the role of National Horticulture Mission (NHM) in boosting the production, productivity and income of horticulture farms. How far has it succeeded in increasing the income of farmers? (Answer in 250 words) 15 Marks
- 14. How has the emphasis on certain crops brought about changes in cropping patterns in recent past? Elaborate the emphasis on millets production and consumption. (Answer in 250 words) 15 Marks
- 15. Why is there so much activity in the field of biotechnology in our country? How has this activity benefitted the field of biopharma? (Answer in 250 words) 15 Marks
- 16. With growing energy needs should India keep on expanding its nuclear energy programme? Discuss the facts and fears associated with nuclear energy. " (Answer in 250 words) 15 Marks
- 17. How does biodiversity vary in India? How is the Biological Diversity Act, 2002 helpful in conservation of flora and fauna? (Answer in 250 words) 15 Marks
- 18. Describe various measures taken in India for Disaster Risk Reduction (DRR) before and after signing 'Sendai Framework for DRR (2015-2030)'. How is this framework different from 'Hyogo Framework for Action, 2005'? (Answer in 250 words) 15 Marks
- 19. Data security has assumed significant importance in the digitized world due to rising cyber crimes. The Justice B. N. Srikrishna Committee Report addresses issues related to data security. What, in your view, are the strengths and weaknesses of the

- Report relating to protection of personal data in cyberspace? (Answer in 250 words) 15 Marks
- 20. India's proximity to two of the world's biggest illicit opium-growing states has enhanced her internal security concerns. Explain the linkages between drug or illicit activities such as gunrunning, money laundering and human trafficking. What countermeasures should be taken to prevent the same? (Answer in 250 words) 15 Marks

# UPSC Mains Exam General Studies Paper-4 2018

#### **SECTION A**

- Q1. (a) State the three basic values, universal in nature, in the context of civil services and bring out their importance. (150 words) 10 Marks
- Q1. (b) Distinguish between "Code of ethics" and "Code of conduct" with suitable examples. (150 words) 10
- Q2. (a) What is meant by public interest? What are the principles and procedures to be followed by the civil servants in public interest? (150 words) 10 Q2. (b) "The Right to information Act is not all about
- citizens? Empowerment alone, it essentially redefines the concept of accountability." Discuss. (150 words) 10
- Q3. (a) What is meant by conflict of interest? Illustrate with examples, the difference between the actual and potential conflicts of interest.(150 words) 10
- Q3. (b) "In looking for people is hire, you look for three qualities integrity intelligence and energy. And if they do not have the first, the other two will kill you." warren Buffett. What do you understand by this statement in the present-day scenario" Explain. (150 words) 10





Q4. (a) "In doing a good thing, everything is permitted which is not prohibited expressly or by clear implication." Examine the statement with suitable examples in the context of a public servant discharging his/her duties. (150 words) 10 Q4. (b) With regard to morality of actions, one view is that means are of paramount importance and the other view is that the ends justify the means. Which view do you think is more appropriate? Justify your answer. (150 words) 10

Q5. (a) Suppose the Government of India is thinking of constructing a dam in a mountain valley bound by forests and inhabited by ethnic communities. What rational policy should it resort to in dealing with unforeseen contingencies? (150 words) 10

Q5. (b) Explain the process of resolving ethical dilemmas in Public Administration. (150 words) 10

Q6. What do each of the following quotations mean to you in the presence context?

- (a) "The true rule, in determining to embrace, or reject any thing, is not whether it has any evil in it; but whether it has more evil than good. There are few things wholly evil or wholly good. Almost every thing especially of governmental policy, is an inseparable compound of the two; so that our best judgement of the preponderance between them is continually demanded." Abraham Lincoln. (150 words) (b) "Anger and intolerance are the enemies of correct
- understanding Mahatma Gandhi. (150 words). (c) "Falsehood takes the place of truth when it results in
- unblemished common good." Thirukkural. (150 words).

#### **SECTION B**

Q7. Rakesh is a responsible district level officer, who enjoys the trust of his higher officials. Knowing his honesty, the government entrusted him with the responsibility of identifying the beneficiaries under a healthcare scheme meant for senior citizens.

The criteria to be a beneficiary are the following:

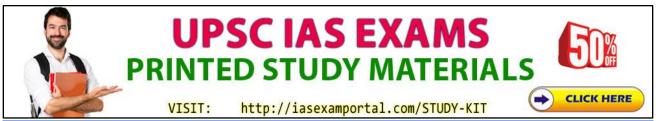
- (a) 60 years of age or above
- (b) Belonging to a reserved community.
- (c) Family income of less than Rs. 1 lakh per annum.
- (d) Post-treatment prognosis is likely to be high to make a positive difference to the quality of life of the beneficiary.

One day, an old couple visited Rakesh's office with their application. They have been the residents of a village in his district since their birth. The old man is diagnosed with a rate condition that causes obstruction in the large interstate. As a consequences he had severe abdominal pain frequently that prevents him from doing any physical labour. The couple have no children to support them. The expert surgeon whom they contacted is willing to do the surgery without charging any fee. However, the couple will have to bear the cost of incidental charges, such as medicines, hospitalization etc. to the tune of 1 lakh. The couple fulfills all the criteria except criterion 'b'. However, any financial not would certainly make a significant difference in their quality of life.

How should Rakesh respond to the situation? (250 words)

Q8. An a senior officer in the Ministry, you have access to important policy decisions and upcoming his announcements such as road construction projects before they are notified in the public domain. The Ministry is about to announce a mega road project for which the drawings are already in place. Sufficient care was taken by the planners to make use of the government land with minimum land acquisition from private parties. Compensation rate for private parties was also finalized as per government land with minimum deforestation. Once the project is announced, it is expected that there will be a huge spurt in real estate prices in and around that area.

Meanwhile, the Minister concerned insists that you realign the road in. such a way that it comes closer to his 20 acres





farm house. He also suggests that he would purchase of is big plot of land in your wife's name at the prevailing rate which is very nominal, in and around the proposed mega road project. He also tries to convince you by saying that there is no harm in it as he is buying the land legally. He even promises to supplement your savings in case you do not have a sufficient funds to buy the land. However, by the act of realignment, a lot of agricultural land has to be acquired, thereby causing considerable financial burden on the government, and also displacement of the it' this is acct, enough, it will involve cutting down of a large number of trees, denuding the area of its green cover.

Faced with this situation, what will you do? Critically examine various conflicts of interest, and explain what are your responsibilities as a public servant. (250 words) 20

Q9. It is a State where prohibition is in force. You are recently appointed as the Superintendent of police of a district notorious for illicit distillation of liquor. The illicit liquor leads to many deaths, reported and unreported, and causes a major problem for the district authorities.

The approach till now had been to view it as a law and order problem and tackle it accordingly. Raids, arrests, policies cases, criminal trails – all these had only limited impact. The problem remains as serious as ever.

Your inspections show that the parts of the district where the distillation flourishes are economically, industrially and educationally backward. Agriculture is badly affected by poor irrigation facilities. Frequent clashes among communities gave boost to illicit distillation. No major initiatives had taken place in the past either from the government's side or from social taken place in the past either from the government's side or from social organizations to improve the lot of the people.

Which new approach will you adopt to bring the problem under control? (250 words)20

Q10. A big corporate house is engaged in manufacturing industrial chemicals on a large scale. It proposes to set up an additional unit. Many states rejected its proposal due to detrimental effect on the environment. But one State government acceded to the request and permitted the unit, close to a city, brushing aside all opposition.

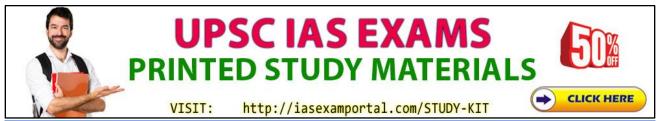
The unit was set up 10 years ago and was in full swing till recently. The pollution caused by the industrial effluents was affecting the industrial effluents was affecting the land water and crops in the area. It was also causing serious health problem to human beings and animals. This gave rise to a series of agitations demanding the closure of the plant. In a recent agitation thousands of people took part, creating a law and order problem necessitating stern police action. Following the public outcry, the State government ordered the closure of the factory.

The closure of the factory resulted in the unemployment of not only those workers who were engaged in the factory but also those who were working in the ancillary units. It also very badly affected those industries which depended on the chemicals manufactured by it.

As a senior officer entrusted with the responsibility of handling this issue, are you going to address it? (250 words) 20

Q11. Dr. X is a leading medical practitioner in a city. He has set up a charitable trust through which he plans to establish a super-speciality hospital in the city to cater to the medical needs of all sections of the society. Incidentally, that part of the State had been neglected over the years. The proposed hospital would be a boon for the region.

You are heading the tax investigation agency of that region. During an inspection of the doctor's clinic, your officers have found out some major irregularities. A few of them are substantial which had resulted in considerable withholding





of tax that should be paid by him now. The doctor is cooperative. He undertakes to pay the tax immediately.

However, there are certain other deficiencies in his tax compliance which are purely technical in nature. If these technical defaults are pursued by the agency, considerable time and energy of the doctor will be diverted to issues which are not so serious, urgent or even helpful to the tax collection process. Further, in all probability, it will hamper the prospects of the hospital coming up.

There are two options before you:

- (i) Taking a broader view, ensure substantial tax compliance and ignore defaults that are merely technical in nature.
- (ii) Pursue the matter strictly and proceed on all fronts, whether substantial or merely technical.

As the head of the tax agency, which course of action will you opt for and why? (250 words) 20

Q12. Edward Snowden, a computer expert and former CIA systems administrator, released confidential Government

documents to the press about the existence of Government surveillance programmes. According to many legal experts and the US Government, his actions violated the Espionage Act of 1917, which identified the leak of State secrets a an act of treason. Yet, despite the fact that he broke the law, Snowden argued that he had a moral obligation to act. He gave a justification for his "whistle blowing" by stating that he had a duty to inform the public as to that which is done in their name and that is done against them."

According to Snowden, the Government's violation of privacy had to be exposed regardless of legality since more substantive issues of social action and public morality were involved here. Many agreed with Snowden. Few argued that he broke the law and compromised national security, for which he should be held accountable.

Do you agree that Snowden's actions were ethically justified even if legally prohibited? Why or why not? Make an argument by weighing the competing values in this case. (250 words) 20



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#### **UPSC Mains Exam General Studies Question Paper 2017**



2017

# UPSC Mains Exam General Studies Paper-1 2017

- 1. How do you justify the view that the level of excellence of Gupta Numismatic Art is not at all noticeable in later times? (150 words)
- Clarify how Mid-eighteenth century India was beset with the spectre of a fragmented Polity? (150 words)
- Why did the Moderates fails to carry conviction with the nation about their proclaimed ideology and political goals by the end of nineteenth century? (150 words)
- 4. What problems were germane to the decolonization in the Malay Peninsula? (150 words)
- How does the Juno Mission of NASA help to understand the origin and evolution of earth? (150 words)
- "In spite of adverse environmental impact, coal mining is still inevitable for Development". Discuss. (150 words)
- 7. Mention the advantages of Cultivation of pulses because of which year 2016 was

- declared as the International year of Pulses By the United Nations. (150 words)
- 8. How does the cryosphere affect global climate? (150 words)
- In the context of diversity of India, can it be said that the regions form cultural units rather than the states? Give reasons with examples for your viewpoint. (150 words).
- What are the two major legal initiatives by state since Independence, addressing discrimination against Scheduled Tribes (ST)? (150 words).
- 11. The spirit and tolerance not only an interesting feature of Indian Society from very early times but it is also playing an important role in the present. Elaborate. (250 words).
- 12. Examine how the decline of artisanal industry in colonial India crippled the rural economy.(250 words)
- 13. Highlight the importance of the new objectives that got added to the vision of Indian Independence since the twenties of the last century. (250 words)
- 14. Account for variations in oceanic salinity and discuss its multi-dimensional effects.





- 15. Petroleum refineries are not necessarily located nearer to crude oil producing areas, particularly in many of the developing countries. Explain its implications. (250 words)
- 16. In what way can floods be converted to sustainable source of irrigation and all weather inland navigation in India? (250 words)
- 17. What characteristics can be assigned to monsoon climate that succeeds in feeding more than 50 percent of World population residing in Monsoon Asia ? (250 words)
- 18. The women's questions arose in modern India as the part of 19th century social reform movement. What are the major issues and debates concerning women in that period? (250 words)
- 19. Distinguish between religiousness/religiosity and Communalism giving one example of how the farmer has got transformed into latter in Independent India? (250 words)
- 20. "The growth of cities as I.T Hubs has opened new avenues of employment, but has also created new problems". Substantiate this statement with examples. (250 words).

# UPSC Mains Exam General Studies Paper-2 2017

- The local self-government system in India has not proved to be effective instrument of governance." Critically examine the statement and give your views to improve the situation. (10)
- Critically examine the Supreme court's judgment on National Judicial appointments Commission act, 2014 with reference to appointment of judges of higher judiciary in India. (10)
- "Simultaneous election to the lok sabha and the state Assemblies will limit the amount of

- time and money spent in electioneering but it will reduce the government's accountability to the people." Discuss (10)
- 4. How do pressure groups influence Indian political process? Do you agree with this view that informal pressure groups have emerged as more powerful than formal pressure groups in recent years? (10)
- 5. Discuss the role of Public account Committee in establishing accountability of the government to the people.
- "To ensure effective implementation of policies addressing water, sanitation and hygiene needs the identification of the beneficiary segments is to be synchronized with the anticipated outcomes." Examine the statement in the context of the WASH scheme. (10)
- 7. Does the rights of persons with Disabilities Act, 2016 ensure effective mechanism for the empowerment and inclusion of the intended beneficiaries in the society? Discuss (10)
- 8. Hunger and poverty are the biggest challenges for good governance in India still today. Evaluate how far successive governments have progressed in dealing with these humongous problems. Suggest measure for improvement. (10)
- 9. "China is using its economic relation and positive trade surplus as tools to develop potential military power status in Asia" In the light of this statement. Discuss its impact on India as her neighbor. (10)
- What are the main function of the United Nations Economic and social Council (ECOSOC)? Explain different function commission attached to it. (10)
- 11. Explain the salient features of the Constitution (One Hundred and First Amendment) Act, 2016. Do you think it is efficacious enough "to





- remove cascading effect of taxes and provide for common national market for goods and services"? (15)
- 12. Examine the scope of Fundamental Rights in the light of the latest judgment of the Supreme Court on Right to Privacy. (15)
- 13. The Indian Constitution has provisions for holding joint session of the two houses of the parliament. Enumerate the occasions when this would normally happen and also the occasions when it cannot, with reason thereof. (15)
- 14. To enhance the quality of democracy of India the Election Commission of India has proposed electoral reforms in 2016. What are the suggested reforms and how far are they significant to make democracy successful? (15)
- 15. Is the national commission for women able to strategize and tackle the problems that women face at both public and private spheres? (15)
- 16. The emergence of the self-help groups (SHGs) in contemporary times points to the slow but steady withdrawal of the state from development activities." Examine the role of the SHGs in developmental activities and the measures taken by the Government of India to promote the SHGs. (15)
- 17. Poverty alleviation programmes in India remain mere showpieces until and unless they are backed up by political will." Discuss with reference to the performance of the major poverty alleviation programmes in India. (15)
- 18. Initially Civil services in India were designed to achieve the goals of neutrality and effectiveness, which seems to be lacking in the present context. Do you agree with the

- view that drastic reforms are required in Civil Services? Comment. (15)
- 19. The question of India's Energy Security constitutes the most important part of India's economic progress. Analyze India's energy policy cooperation with west Asian countries. (15)
- Indian Diaspora has an important role to play in south-East Asian countries' economy and society. Appraise the role of Indian Diaspora in South-East Asia in this context. (15)

# UPSC Mains Exam General Studies Paper-3 2017

- Among several factors for India's potential growth, savings rate is the most effective one.
   Do you agree? What are the other factors available for growth potential? (10 Marks)
- Account for the failure of manufacturing sector in achieving the goal of labour-intensive exports. Suggest measures for more labourintensive rather than capital – intensive exports. (10 Marks)
- 3. Examine the development of airports in India through joint ventures under Public private Partnership (PPP) model. What are the challenges faced by the authorities in this regard? (10 Marks)
  - Explain various types of revolutions, took place in agriculture after Independence in India. How these revolutions have helped in poverty alleviation and food security in India? (10 Marks)
  - What are the reasons for poor acceptance of cost-effective small processing unit? How the food processing unit will be helpful to uplift the socio-economic status of poor farmers? (10 Marks)





- 6. Stem cell therapy is gaining popularity in India to treat a wide variety of medical conditions including Leukaemia, Thalassemia, damaged cornea and servere burns. Describe briefly what stem cell therapy is and what advantages it has over other treatments? (10 Marks)
- 7. India has achieved remarkable successes in unmanned space missions including the Chandrayaan and Mars Orbitter Mission, but has not ventured into manned space missions. What are the main obstacles to launching a manned space mission, both in terms of technology and logistics? Examine critically. (10 Marks)
- 8. Not many years ago, river linking was a concept but it is becoming a reality in the country. Discuss the advantages of river linking and its possible impact on the environment. (10 Marks)
- Discuss the potential threats of Cyber attack and the security framework to prevent it. (10 Marks)
- 10. The North- East region of India has been infested with insurgency for a very long time. Analyze the major reasons for the survival of armed insurgency in this region. (10 Marks)
- 11. One of intended objectives of the Union Budget 2017-18 is to transform, energise and clean India'. Analyse the measure proposed in the Budget 2017-18 to achieve the objective. (15 Marks)
- 12. "Industrial growth rate has lagged-behind in the overall growth of Gross-Domestic-product (GDP) in the post-reform period." Give reasons. How far the recent changes in Industrial-policy are capable of increasing the industrial growth rate? (15 Marks)
- 13. What are the salient features of inclusive growth? Has India been experiencing such a growth process? Analyse and suggest

- measures for inclusive growth. (15 Marks)
- 14. What are the major reasons for declining rice and wheat yield in the cropping system? How crop diversification is helpful to stablise the yield of the crops in the system? (15 Marks)
- 15. How do subsidies affect the cropping pattern, crop diversity and economy of farmers? What is the significance of the crop insurance, minimum support price and food processing for small and marginal farmers? (15 Marks)
- 16. Give an account of the growth and development of nuclear science and technology in India. What is the advantages of fast breeder reactor programme in India? (15 Marks)
- 17. 'Climate change' is a global problem. How India will be affected by climate change? How Himalayan and coastal states of India will be affected by climate change? (15 Marks)
- 18. On December 2004, tsunami brought havoc on fourteen countries including India. Discuss the factor responsible for occurrence of tsunami and its effects on life and economy. In the light of guidelines of NDMA (2010) describe the mechanisms for preparedness to reduce the risk during such events. (15 Marks)
- 19. Mob violence is emerging as a serious law and order problem in India. By giving suitable example, analyze the causes and consequences of such violence. (15 Marks)
- 20. The scourge of terrorism is a grave challenge to national security. What solutions do you suggest to curb this growing menace? What are the major sources of terrorist funding? (15 Marks)





# UPSC Mains Exam General Studies Paper-4 2017

#### SECTION - A

- Q1. Conflict of interest in the public sector arises when
- (A) Official duties.
- (B) Public interest, and
- (C) Personal interest,

Are taking priority one above the other.

How can this conflict in administration be resolved? Describe with an example. (150 Words)

# Q2. Examine the relevance of the following in the context of civil service: (150 Words)

- (A) Transparency
- (B) Accountability
- (C) Fairness and justice
- (D) Courage of conviction
- (E) Sprit of service
- Q3. Young people with ethical conduct are not willing to come forward to join active politics.

Suggest steps to motivate them to come forward. (150 Words)

- Q4. (a) One of the taste of integrity is complete refusal to be compromised. Explain with reference to a real life example. (150 Words)
- (b) Corporate social responsibility makes companies more profitable and sustainable. Analyse. (150 Words)
- Q5. (a) "Great ambition is the passion of a great character. Those endowed with it may perform very good or very bad acts.

All depends on the principles Which direct them." - Napolean Bonaparte.

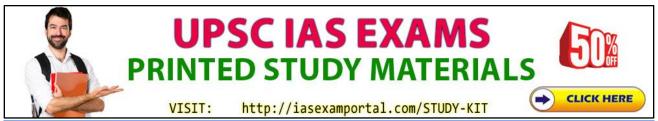
Stating examples mention the rulers (i) who have harmed society and country, (ii) who worked for the development of society and country. (150 Words)

- (b) "if a country is to be corruption free and become a nation of a beautiful mind, I strongly feel there are three key societal members who can make a difference. They are the father, the mother and the techer." A.P.J. Abdul Kalam. Analyse. (150 Words)
- Q6.(a) how will you apply emotional intelligence in administrative practice?
- (b) Strength, peace and Security are considerd to be the pillars of international relations. Elucidate.
- Q7. (a) The crisis of ethical values in modern times is traced to a narrow perception of the good life. Discuss.
- (b) Increased national wealth did not result in equitable distribution of its benefits. It has created only some "enclaves of modernity and prosperity for a small minority at the cost the majority." Justify.
- Q8.(a) Discipline generally implies following the order and subordination. However it may be counterproductive for the organisation. Discuss.
- (b)Without commonly shared and widely entrenched moral values and obligation, neither the law, nor democratic government, nor even the market economy will function properly.

What do you understand by this statement? Explain with illustration in the contemporary times.

#### **SECTION - B**

- Q9. You are an honest and responsible civil servant. You often observe the following:
- (a) There is a general perception that adhering to ethical conduct one may face difficulties to oneself and cause problems for the family, whereas unfair practices may help to reach the career goals.





- (b) When the number of people adopting unfair means is large, a small minority having a penchant towards ethical means makes no difference.
- (c) Sticking to ethical means is detrimental to the larger developmental goals
- (d) While one may not involve oneself in large unethical practices, but giving and accepting small gifts makes the system more efficient.

Examine the above statements with their merits and demerits. (250 Words)

Q10. You are aspiring to become an IAS officer and you have cleared various stages and now you have been selected for the personal interview. On the day of the interview, on the way to the venue you saw an accident where a mother and child who happen to be your relatives were badly injured. They needed immediate help.

What would you have done in such a situation? Justify your action. (250 Words)

Q11. You are the head of the Human Resources department of an organisation. One day one of the workers died on duty. His family was demanding compensation. However, the company denied compensation because it was revealed in investigation that he was drunk at the time of the accident. The workers of the company went to strike demanding compensation for the family of the deceased. The Chairman of the management board has asked for your recommendation.

What recommendation would you provide the management?

Discuss the merits and demerits of each of the recommendations. (250 Words)

Q12. You are the manager of a spare parts company A and you have to negotiate a deal with the manager of a large manufacturing company B. The deal is highly competitive and sealing the deal is critical for your

company. The deal is being worked out over a dinner. After dinner the manager of manufacturing company B offered to drop you to the hotel in his car. On the way to hotel he happens to hit motorcycle injuring the motorcyclist badly. You know the manager was driving fast and thus lost control. The law enforcement officer comes to investigate the issue and you are the sole eyewitness to it. Knowing the strict laws pertaining to road accidents you are aware that your honest account of the incident would lead to the prosecution of the manager and as a consequence the deal is likely to be jeopardised, which is of immense importance to your company.

What are the dilemmas you face? What will be your response to the situation? (250 Words)

Q13. A building permitted for three floors, while being extended illegally to 6 floors by a builder, collapses. As a consequence, a number of innocent labourers including women and children died. These labourers are migrants of different places. The government immediately announced cash relief to the aggrieved families and arrested the builder.

Give reasons for such incidents taking place across the country. Suggest measures to prevent their occurrence. (250 Words)

Q14. You are a Public Information Officer (PIO) in a government department. You are aware that the RTI Act 2005 envisages transparency and accountability in administration. The act has functioned as a check on the supposedly arbitrarily administrative behaviour and actions. However, as a PIO you have observed that there are citizens who filed RTI applications not for themselves but on behalf of such stakeholders who purportedly want to have access to information to further their own interests. At the same time there are these RTI activists who routinely file RTI applications and attempt to extort money from the decision makers. This type of RTI activism has affected the functioning of administration adversely and also possibly





jeopardises the genuineness of the applications which are essentially aimed at getting justice.

What measures would you suggest to separate genuine and non-genuine applications? Give merits and demerits of your suggestions. (250 Words)





#### **UPSC Mains Exam General Studies Question Paper 2016**



#### 2016

# UPSC Mains Exam General Studies Paper-1-2016

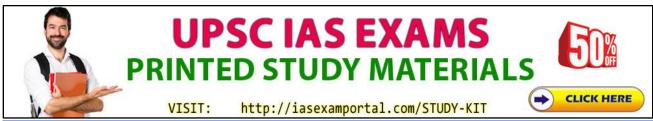
- 1. Early Buddhist Stupa-art, while depicting folk motifs and narratives, successfully expoundsBuddhist ideals. Elucidate.
- 2. Krishnadeva Raya, the king of Vijayanagar, was not only an accomplished scholar himself but was a also a great patron of learning and literature. Discuss.
- 3. Explain how the upraising of 1857 constitutes an important watershed in the evolution of British policies towards colonial India.
- 4. Discuss the role of women in the freedom struggle especially during the Gandhian phase.
- 5. Highlight the differences in the approach of Subhash Chandra Bose and Mahatma Gandhi in the struggle for freedom.
- 6. Has the formation of linguistic states strengthened the cause of Indian unity?
- 7. The anti-colonial struggles in West Africa were led by the new elite of Western -educated Africans. Examine.
- 8. To what extent globalisation has influenced the core of cultural diversity in India? Explain.
- 9. "An essential condition to eradicate poverty is to liberate the poor from the process of deprivation."

Substantiate this statement with suitable examples.

10. Why are the tribals in India referred to as 'the Scheduled Tribes'? Indicate the major provisions enshrined

in the Constitution of India for their upliftment.

- 11. With a brief background of quality of urban life in India, introduce the objectives and strategy of 'Smart City Programme."
- 12. What is the basis of regionalism? Is it that unequal distribution of benefits of development on regional basis eventually promotes regionalism? Substantiate your answer.
- 13. Discuss the concept of air mass and explain its role in macro-climatic changes.
- 14. "The Himalayas are highly prone to landslides."Discuss the causes and suggest suitable measures mitigation.
- 15. The effective management of land and water resources will drastically reduce the human miseries. Explain.
- 16. South China Sea has assumed great geopolitical significance in the present context. Comment.
- 17. Major cities of India are becoming vulnerable to flood conditions. Discuss.
- 18. Present an account of the Indus Water Treaty and examine its ecological, economic and political



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implications in the context of changing bilateral relations.

- 19. Enumerate the problems and prospects of inland water transport in India.
- 20. In what way micro-watershed development projects help in water conservation in drought-prone and semi-arid regions of India?

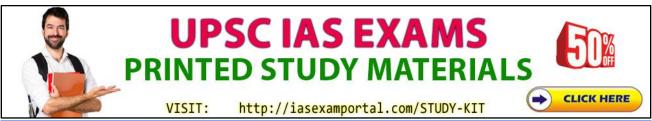
#### **UPSC Mains Exam General Studies** Paper-2-2016

- 1. Discuss the essentials of the 69th Constitutional Amendment Act and anomalies, if any, that have led recent reported conflicts between the elected representatives and the institution of the Lieutenant Governor in the administration of Delhi. Do you think that
  - this will give rise to a new trend in the functioning of Indian federal politics?
- 2. To what extent is Article 370 of the Indian Constitution, bearing marginal note "temporary provision with
  - respect to the State of Jammu and Kashmir", temporary? Discuss the future prospects of this provision in context of Indian polity.
- 3. "The Indian party system is passing through a phase of transition which looks to be full of contradictions and paradoxes." Discuss.
- 4. Exercise of CAG's powers in relation to the accounts of the Union and the States is derived from Article 149 of the Indian Constitution. Discuss whether audit of the Government's policy implementation could amount to overstepping its own (CAG) jurisdiction.
- 5. Discuss each adjective attached to the word 'Republic' in the 'Preamble'. Are they defendable in the present circumstances?

- 6. What was held in the Coelho case? In this context, can you say that judicial review is of key importance
  - amongst the basic features of the Constitution?
- 7. Did the Government of India Act, 1935 lay down a federal constitution? Discuss.
- 8. What is quasi judicial body? Explain with the help of concrete examples.
- Professor Amartya advocated Sen has important reforms in the realms of primary education and primary

health care. What are your suggestions to improve their status and performance?

- 10. "In the Indian governance system, the role of non-state actors has been only marginal." Critically examine this statement.
- 11. "Effectiveness of the government system at various levels and people's participation in the governance system are inter-dependent/" Discuss their relationship in the context of India.
- 12. In the integrity index of Transparency International, India stands very low. Discuss briefly the legal, political, social and cultural factors that have caused the decline of public morality in India.
- 13. Has the Indian governmental system responded adequately to the demands of Liberalization, Privatization and Globalization started in 1991? What can the government do to be responsive to this important change?
- 14. "Traditional bureaucratic structure and culture have hampered the process of socio-economic development in India." Comment.
- 15. Examine the main provisions of the National Child Policy and throw light on the status of its implementation.





- "Demographic Dividend in India will remain only theoretical unless our manpower becomes more educated,
  - aware, skilled and creative." What measures have been taken by the government to enhance the capacity of our population to be more productive and employable?
- 17. "The broader aims and objectives of WTO are to manage and promote international trade in the era of globalization. But the Doha round of negotiations seem doomed due to differences between the developed and the developing countries." Discuss in the Indian perspective.
- Evaluate the economic and strategic dimensions of India's Look East Policy in the context of the post Cold War international scenario.
- 19. "Increasing cross-border terrorist attacks in India and growing interference in the internal affairs of member states by Pakistan are not conducive for the future of SAARC (South Asian Association for Regional Cooperation)." Explain with suitable examples.
- 20. What are the aims and objectives of the McBride Commission of the UNESCO? What is India's position these?

# UPSC Mains Exam General Studies Paper-3-2016

- 1. How globalization has led to the reduction of employment in the formal sector of the Indian economy? increased informalization detrimental to the development of the country?
- 2. Women empowerment in India needs gender budgeting. What are the requirements and status of gender

budgeting in the Indian context?

- 3. Pradhan Mantri Jan Dhan Yojana (PMJDY) is necessary for bringing unbanked to the institutional finance
- fold. Do you agree with this for financial inclusion of the poor section of the Indian society? Give arguments to justify your opinion.
- 4. What are 'Smart Cities'? Examine their relevance for urban development in India. Will it increase ruralurban differences? Give arguments for 'Smart Villages' in the light of PURA and RURBAN Mission.
- 5. Justify the need for FDI for the development of the Indian economy. Why there is gap between MOUs signed and actual FDIs? Suggest remedial steps to be taken for increasing actual FDIs in India.
- 6. Comment on the challenges for inclusive growth which include careless and useless manpower in Indian context. Suggest measures to be taken for facing hese challenges.
- 7. What is water-use efficiency? Describe the role of micro-irrigation in increasing the water-use efficiency.
- 8. What is allelopathy? Discuss its role in major cropping systems of irrigated agriculture.
- 9. Discuss the role of land reforms in agricultural development. Identify the factors that were responsible for the success of land reforms in India.
- 10. Given the vulnerability of Indian agriculture to vagaries of nature, discuss the need for crop insurance and bring out the salient features of the Pradhan Mantri Fasal Bima Yojana (PMFBY).
- 11. Give an account of the current status and the targets to be achieved pertaining to renewable energy sources in the country. Discuss in brief the importance of National Programme on Light Emitting Diodes (LEDs).
- 12. Discuss India's achievements in the field of Space Science and Technology. How the application of this technology has helped India in its socio-economic development?
- 13. Why is nanotechnology one of the key technologies of the 21st century? Describe the salient features Indian Government's Mission on Nanoscience and Technology





and the scope of its application in development process of the country.

- 14. Rehabilitation of human settlements is one of the important environmental impacts which always attracts controversy while planning major projects. Discuss the measures suggested for mitigation of this impact while proposing major developmental projects.
- be adopted to mitigate the impact of recent incidents of cloudbursts in many places of Uttarakhand.
- 17. The terms 'Hot Pursuit' and 'Surgical Strikes' are often used in connection with armed action against terrorist attacks. Discuss the strategic impact of such actions.
- 18. 'Terrorism is emerging as a competitive industry over the last few decades." Analyse the above statement.
- 19. Border management is a complex task due to difficult terrain and hostile relations with some countries.

Elucidate the challenges and strategies for effective border management.

20. Use of internet and social media by non-state actors for subversive activities is a major security concern. How have these been misused in the recent past? Suggest effective guidelines to curb the above threat.

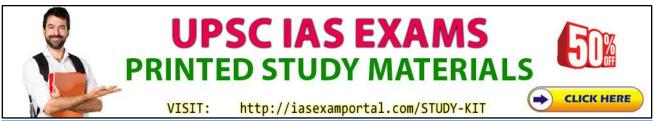
# UPSC Mains Exam General Studies Paper-4-2016

#### Section A

- Q.1) a) Explain how ethics contributes to social and human well-being. (150 words) 10
- b) Why should impartiality and non-pertisanship be considered as foundational values in public services, especially in the present day socio-political context? Illustrate your answer with examples. (150 words) 10
- Q.2) a) What do you understand by the terms 'governance', 'good governance' and 'ethical governance'? (150 words) 10

- b) Discuss Mahatma Gandhi's concept of seven sins. (150 words)
- Q.3) a) Analyse John rawls's concept of social justice in the Indian Context. (150 word) 10
- b) Discuss the Public Services Code as recommended by the 2nd Administrative Reforms Commission. (150 words) 10
- Q.4) a) "Corruption causes misuse of government treasury, administrative inefficiency and obstruction in path of national development." Discuss Kautilya's views.. (150 words). 10
- b) How could social influence and persuasion contribute to the success of Swachh Bharat Abhiyan? (150 word). 10
- Q.5) Law and ethics are considered to be the two tools for controlling human conduct so as to make conducive to civilized social existence.
- a) Discuss how they achieve this objective.
- b) Giving examples, show how the two differ in their approaches. (150 words) 10
- Q.6) Our attitudes towards life, work, other people and society are generally shaped unconsciously by the family and the social surroundings in which we grow up. Some of these unconsciously acquired attitudes and values are often undesirable in the citizens of a modern democratic and egalitarian society.
- a) Discuss such undesirable values prevalent in Today's educated Indians.
- b) How can such undesirable attitudes be changed and socio-ethical values considered necessary in public services be cultivated in the aspiring and serving civil servants? (150 words) 10
- Q.7) Anger is a harmful negative emotion. It is injurious to both personal life and work life.
- Q.8) "Max Weber said that it is not wise to apply to public administration the sort of moral and ethical norms

we apply to matters of personal conscience. It is important to realize that the state bureaucracy might possess





its own independent bureaucratic morality." Critically analyse this statement. (150 words) 10

Q.9) A fresh engineering graduate gets a job in a prestigious chemical industry. She likes the work. The salary

is also good. However, after a few months she accidentally discovers that a highly toxic waste is being secretly

discharged into a river nearby. This is causing health problems to the villagers downstream who depend the river for their water needs. She is perturbed and mentions her concern to her colleagues who have been with the company for longer periods. They advise her tokeep quite as anyone who mentions the topic summarily dismissed. She cannot risk losingher job as she is the sole bread-winner for her family and has support her ailing parents and siblings. At first, she thinks that if her seniors are keeping quiet, why should she stick out her neck. But her conscience pricks her to do something to save the river and the people who depend upon it. At heart she feels that the advice of silence given by her frinds is not correct though she cannot give reasons for it. She thinks you are a wise person and seeks your advice.

- a) What arguments can you advance to show her that keeping quiet is not morally right?
- b) What course of action would you advise her to adopt and why? (250 words) 20
- Q.10) Land needed for mining, dams and other large-scale projects is acquired mostly from Adivasis, hill dwellers and rural communities. The displaced persons are paid monetary compensation as per the legal provisions. However, the payment is often tardy. In any case, hit cannot sustain the displaced families long. These people do not possess marketable skills to engage in some other accusation. They end up as low paid migrant laborers. Moreover, their development go to industries, industrialists and urban communities

whereas the costs are passed on to these poor helpless people. This unjust distribution of costs and benefits unethical.

Suppose you have been entrusted with the task of drafting a better compensation-cum-rehabilitation policy such displaced persons, how would you approach the problem and what would be the main elements of your suggested policy? (250 words) 20

Q.11) Suppose you are an officer in-charge of implementing a social service scheme to provide support to old

and destitute women. An old and illiterate woman comes to you to avail the benefits of the scheme. However,

she has no documents to show that she fulfils the eligibility criteria. But after meeting her and listening to her

you feel that she certainly needs support. Your enquiries also show that she is really destitute and living in pitiable condition. You are in a dilemma as to what to do. Putting her under the scheme without necessary

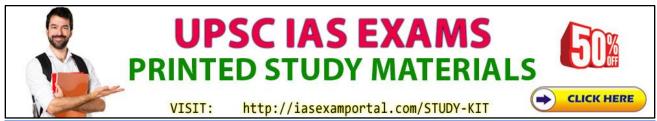
documents would clearly be violation of rules. But denying her the support would be cruel and inhuman.

- a) Can you think of a rational way to resolve this dilemma?
- b) Give your reasons for it. (250 words) 20 Since you have good tuning with the boss, he started depending on you. One day due to ill health he invited you at his place for finishing some urgent work.

You reached his house and before you could ring the bell you heard shouting noises. You waited for a while.

After entering the house the boss greeted you and explained the work. But you were constantly disturbed the crying of a woman. At last, you inquired with the boss but his answer did not satisfy you.

Next day, you were compelled to inquire further in the office and found out that his behavior is very bad home with his wife. He also beats up bit wife. His wife is not well educated and is a simple woman comparison to her





husband. you see that though your boss is a nice person in the office, he is engaged domestic violence at home. In such a situation, you are left with the following options. Analyse each option with its consequences.

- a) just ignore thinking about it because it is their personal matter.
- b) Repost the case to the appropriate authority.
- c) Your own innovative approach towards the situation. (250 words) 20
- Q.13) ABC Ltd. Is a large transnational company having diversified business activities with a huge shareholder base. The company is continuously expanding the generating employment. The company, in expansion and diversification programme, decides to establish a new plant at Vikaspuri, an area which underdeveloped. The new plant is designed to use energy efficient technology that will help the company save production cost by 20%. The company's decision goes well with the Government policy of attracting investment to develop such underdeveloped regions. The government has also announced tax holiday for five years for the companies that invest in underdeveloped areas. However, the new plant may bring chaos for inhabitants of Vikaspuri region, which is otherwise tranquil. The new plant may result in increased cost living, aliens migrating to the region, disturbing the social and economic order. The company sensing possible protest tried to educate the people of Vikaspuri region

and public in general that how its Corporate

Social Responsibility (CSR) policy would help overcome the likely difficulties of the residents of Vikaspuri region. In spite of this the protests begin and some of the residents decided to approach the judiciary as their plea before the Government did not yield any result.

- a) Identify the issues involved in the case
- b) What can be suggested to satisfy the company's goal and to address the residents' concern? (300 words)
  Q.14) Saraswati was a successful IT professional in
  USA. Moved by the patriotic sense of doing something

USA. Moved by the patriotic sense of doing something for the country she returned to India. Together with some other like-minded friends, she formed an NGO build a school for a poor rural community.

The objective of the school was to provide the best quality modern education at a nominal cost. She soon discovered that she has to seek permission from a number of Government agencies. The rules and procedures

were quite confusing and cumbersome. What frustrated her most was delays, callous attitude of officials and constant demand for bribes. Her experience and the experience of many others like her has deterred people meaning, honest NGO efforts are not thwarted? (300 words). 25





#### **UPSC Mains Exam General Studies Question Paper 2015**



2015

# UPSC Mains Exam General Studies Paper-1-2015

Instructions: Answer the following questions in not more than 200 words each. Contents of the answers are more important than their length. All questions carry equal marks.

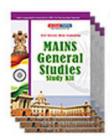
Note: Each question carries 12.5 Marks (12.5 x 20 = 200 Marks)

- Q1. The ancient civilization in Indian sub continent differed from those of Egypt , Mesopotamia and Greece in that its culture and traditions have been preserved without breakdown to the present day. Comment (12.5M)
- Q2. Mesolithic rock cut architecture of India not only reflects the cultural life of the times but also a fine aesthetic sense comparable to modern painting. Critically evaluate this comment. (12.5M)

- Q3. How difficult would have been the achievement of Indian independence without Mahatma Gandhi? Discuss.
- Q4. Mahatma Gandhi and Dr. B R Ambedkar, despite having divergent approaches and strategies, had common goal of amelioration of the downtrodden. Elucidate. (12.5M)
- Q5. It would have been difficult for the Constituent Assembly to complete its historic task of drafting Constitution for Independent India in just three years, but its experience gained with the Government of India Act, 1935.Discuss.(12.5M)
- Q6. Why did the industrial revolution first occur in England? Discuss the quality of life of the people there during the industrialization. How does it compare with that in India at present times?
- Q7. To what extend can Germany be held responsible for causing the two World Wars? Discuss critically.
- Q8. Describe any four cultural elements of diversity in India and rate their relative significance in building national identity.



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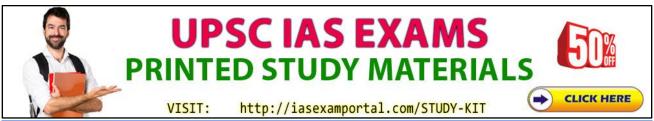


- Q9. Critically examine whether growing population is the cause of poverty OR poverty is the mains cause population increase in India.
- Q10. How do you explain the statistics that show that the sex ratio in Tribes in India is more favourable women than the sex ratio among Scheduled Castes?
- Q11. Discuss the changes in the trends of labour migration within and outside India in the last four decades.
- Q12. Discuss the positive and negative effects of globalization on women in India?
- Q13. Debate the issue whether and how contemporary movements for assertion of Dalit identity work towards annihilation of caste.
- Q14. Explain the factors responsible for the origin of ocean currents. How do they influence regional climates, fishing and navigation?
- Q15. Mumbai, Delhi and Kolkata are the three Mega cities of the country but the air pollution is much more serious probelm in Delhi as compared to the other two. Why is this so?
- econological carrying capacity due to tourism. Critically evaluate.
- Q18. How far do you agree that the behaviour of the Indian monsoon has been changing due to humanizing landscape? Discuss.
- Q19. Smart cities in India cannot sustain without smart vilages. Discuss this statement in the backdrop of rural urban integration.
- Q20. What are the economic significances of discovery of oil in Arctic Sea and its possible environemental Consequences?

# UPSC Mains Exam General Studies Paper-2-2015

Instructions: Answer the following questions in not more than 200 words each. Contents of the answers

- are more important than their length. All questions carry equal marks.
- Note: Each question carries 12.5 Marks (12.5×20 = 200 Marks )
- Q1. Discuss the possible factors that inhibit India from enacting for its citizen a uniform civil code as provided for in the Directive Principles of State Policy.
- Q2. The concept of cooperative federalism has been increasingly emphasised in recent years. Highlight drawbacks in the existing structure and extent to which cooperative federalism would answer shortcomings.
- Q3. In the absence of well educated and organised local level government system, Panchayats and Samitis have remained mainly political institutions and not effective instrument of governance. Critically Discuss.
- Q4. Khap panchayats have been in the news for functioning as extra constitutional authorities, often delivering pronouncements amounting to human right violations. Discuss critically the actions taken by the legislative, executive and judiciary to set the things right in this regard.
- Q5. Resorting to ordinances has always raised concern on violation of the spirit of separation of power doctrine. While noting the rationales justifying the power to promulgate, analyse whether the decision of Supreme Court on the issue have further facilitated to resorting to this power. Should the power to promulgate the ordinances be repealed?
- Q6. What are the major changes brought in the Arbitration and Conciliation Act, 1966 through the recent ordinance promulgated by the President? How far will it improve India's dispute resolution mechanism? Discuss.
- Q7. Does the right to clean environment entail legal regulation on burning crackers during Diwali? Discus the light of Article 21 of Indian Constitution and judgements of the apex in this regard.
- Q8. Examine critically the recent changes in the rule governing foreign funding of NGOs under the Foreign Contribution (Regulation) Act (FCRA), 1976.





- Q9. The Self Help Group (SHG) Bank Linkage Program (SBLP), which is India's own innovation, has proved to be one of the most effective poverty alleviation and women empowerment programme. Elucidate.
- Q10. How can be the role of NGOs be strengthened in India for development works relating to protection the Environment? Discuss throwing light on the major constraints.
- Q11. The quality of higher education in India requires major improvement to make it internationally competitive. Do you think that the entry of foreign educational institutions would help improve the quality technical and higher education in the country. Discuss.
- Q12. Public health system has limitation in providing universal health coverage. Do you think that private over time. Do you agree. Critically examine with reference to urban and rural poverty indicators.
- Q14. In the light of Satyam Scandal (2009), discuss the changes brought in the corporate governance to ensure transparency and accountability.
- Q15. If amendment bill to the Whistleblowers Protection Act 2011 tabled in the Parliament is passed, there maybe no on left to protect. Critically Evaluate.
- Q16. For achieving the desired objectives, it is necessary to ensure that the regulatory institution remain independent and autonomous. Discuss in the light of experiences in recent past.
- Q17. Increasing interest of India in Africa has its pro and cons. Critically Examine.
- Q18. Discuss the impediments India is facing in its pursuit of a permanent seat in UNSC.
- Q19. Project 'Mausam' is considered a unique foreign policy initiative of Indian government to improve relationship wit its neighbours. Does the project have a strategic dimension? Discuss
- Q20. Terrorist activities and mutual distrust have clouded India Pakistan relations. To what etent the use soft power like sports and cultural exchange could help generate goodwill between the two countries. Discuss with suitable examples.





# UPSC Mains Exam General Studies Paper-3-2015

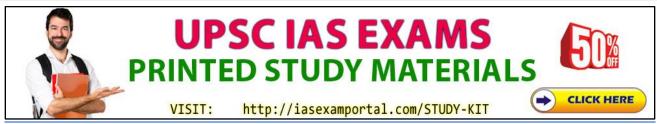
Instructions: Answer the following questions in not more than 200 words each. Contents of the answers are more important than their length. All questions carry equal marks.

Note: Each question carries 12.5 Marks (12.5×20 = 200 Marks )

- Q1. The nature of economic growth in India in recent times is often described as a jobless growth. Do you agree with this view? Give arguments in favour of your answer.
- Q2. Livestock rearing has a big potential for providing non-farm employment and income in rural areas.
- Discuss suggesting suitable measures to promote this sector in India.
- Q3. In the view of the declining average size of land holdings in India which has made agriculture non viable
- for a majority of farmers should contract farming and land leasing be promoted in agriculture? critically evaluate the pros and cons.
- Q4. How can the Digital India program help farmers to improve farm productivity and income? What step has the government taken in this regard?
- Q5. In what way could replacement of price subsidy with direct benefit Transfer (DBT) change the scenario of subsidies in India? Discuss.
- Q6. What are the impediments in marketing and supply chain management in developing the food processing industry in India? Can e-commerce help in overcoming this bottleneck?
- Q7. Craze for gold in Indian has led to surge in import of gold in recent years and put pressure on balance

- payments and external value of rupee. In view of this, examine the merits of Gold Monetization scheme.
- Q8. "Success of make in India program depends on the success of Skill India programme and radical labour reforms." Discuss with logical arguments.
- Q9. To what factors can be the recent dramatic fall in equipment cost and tariff of solar energy be attributed? What implications does the trend have for thermal power producers and related industry?
- Q10. There is a clear acknowledgement that Special Economic Zones (SEZs) are a tool of industrial development, manufacturing and exports. Recognising this potential, the whole instrumentality of SEZs require augmentation. Discuss the issue plaguing the success of SEZs with respect to taxation, governing laws and administration.
- Q11. What do you understand by "Standard Positioning System" and "Precision positioning system" in GPS era? Discuss the advantage India perceives from its ambitious IRNSS programme employing just seven satellites.
- Q12. What are the areas of prohibitive labour that can be sustainably managed by robots? Discuss initiatives that can propel the research in premier research institutes for substantive and gainful innovation.
- Q13. Discuss the advantage and security implication of cloud hosting of servers vis-a-vis in house machine information on more than 2 million medicinal formulations is proving a powerful weapon in country's fight
- against erroneous patents. Discuss the pro and cons of making the database available publicly available under open source licensing.
- Q15. Discuss the Namami Gange and National Mission for Clean Ganga (NMCG) programmes and causes mixed results from the previous schemes. What quantum leaps can help preserve the river Ganga better than

incremental inputs?



- Q16. The frequency of earthquakes appears to have increased in the Indian subcontinent. However, India's preparedness for mitigating their impact has significant gaps. Discuss various aspects.
- Q17. Human right activists constantly highlight the fact that the Armed forces (Special Powers) Act, 1958 AFSPA) is a draconian act leading to cases of human right abuses by security forces. What sections of AFSPA are opposed by the activists. Critically evaluate the requirement with reference to the view held by Apex Court.
- Q18. Religious indoctrination via social media has resulted in Indian youth joining the ISIS. What is ISIS and its mission? How can ISIS be dangerous to the internal security of our country.
- Q19. The persisting drives of the government for development of large industries in backward areas have resulted in isolating the tribal population and the farmers who face multiple displacements. With Malkangiri and Naxalbari foci, discuss the corrective strategies needed to win the Left Wing Extremism (LWE) doctrine affected citizens back into mainstream of social and economic growth.
- Q20. Considering the threats cyberspace poses for the country, India needs a "Digital Armed Forces" prevent crimes. Critically evaluate the National Cyber Security Policy, 2013 outlining the challenges perceived in its effective implementation.

# UPSC Mains Exam General Studies Paper-4-2015

Instructions: Word limit in questions, wherever specified, should be adhered to.

Note: The number of marks carried by a question/part is indicated against it.

Section A Q1.

- a) What is meant by 'environmental ethics'? Why is it important to study? Discuss any one environmental issue from viewpoint of environmental ethics. (150 words) (10)
- b) Differentiate between the following (10 marks) (200 Words)
- i) Law and ethics
- ii) Ethical management and management of ethics
- iii) Discrimination and preferential treatment
- iv) Personal Ethics and Professional Ethics
- Q2. Given are two quotations of moral thinkers/philosophers. For each of these bring out what it means to you in present context.
- a) "The weak can never forgive; forgiveness is the attribute of strong." (10) (150 words)
- b) "We can easily forgive a child who is afraid of the dark; the real tragedy of life is when men are afraid of the light" marks) (150 words)

03.

 a) "A mere compliance with law is not enough, the public servant also have to have a well developed sensibility to ethical

issues for effective discharge of duties" Do you agree? Explain with the help of two examples where (i) an act is ethically

right, but not legally and (ii) an act is legally right, but not ethically. (10 Marks) (150 words)

b) How do the virtues of trustworthiness and fortitude get manifested in public service? Explain with examples (10) (150

words)

04.

- a) Social values are more important than economic values. Discuss the above statement with examples in the context inclusive growth of a nation. (150 words) (10 Marks)
- b) Some recent developments such as introduction of RTI Act, media and judicial activism, etc. are proving helpful bringing about greater transparency and





accountability in the functioning of the government. However, it is also being

observed that at times the mechanisms are misused. Another negative effect is that the officers are now afraid to take prompt

decisions. Analyse the situation in detail and suggest how the dichotomy can be resolved. Suggest how these negative impacts

bureaucratic attitude and the democratic attitude. (10 Marks) (150 words)

- a) Distinguish between these two terms and write their merits and demerits.
- b) Is it possible to balance the two too create a better administration for the faster development of our country?
- Q6. Today we find that in-spite of various measures of prescribing codes of conduct, setting up vigilance cells/commissions, RTI, active media and strengthening of legal mechanism, corrupt practices are not coming under

control. (10 Marks) (150 words)

- a) Evaluate the effectiveness of these measures with justifications
- b) Suggest more effective strategies to tackle this menace
- Q7. At the international level, bilateral relations between most nations are governed on the policy of promoting one's

own national interest without any regard for the interest of other nations. This lead to conflicts and tension between

the nations. How can ethical consideration help resolve such tensions? Discuss with specific examples. (10 Marks) (150

words)

Q8. Public servants are likely to confront with the issues of "Conflict of Interest". What do you understand by term "Conflict of Interest" and how does it manifest in the decision making by public servants? If faced with conflict of interest situation how would you resolve it?

Explain with the help of examples. (10 Marks) (150 words)

Section - B

Q9. A private company is known for its efficiency, transparency and employee welfare. The company though owned by private individual has a cooperative character where employees feel a sense of ownership. The company employs nearly 700

personnel and they have voluntarily decided not to form union.

One day suddenly in the morning, about 40 men belonging to political party gate crashed into the factory demanding jobs the factory. They threatened the management and employees, and also used foul language. The employees feel demoralized.

was clear that those people who gate crashed wanted to be on the payroll of the company as well as continue as volunteers/members of the party.

The company maintains high standards in integrity and does not extend favours to civil administration that also includes law

enforcement agency. Such incident occur in public sector also. (20 Marks) (250 Words)

- a) Assume you are the CEO of the company. What would you do to diffuse the volatile situation on the date of gate crashing
- with the violent mob sitting inside the company premises?
- b) What can be the long term solution to the issue discussed in the case?
- c) Every solution/action that you suggest will have a negative and a positive impact on you as (CEO), the employees and performance of the employees. Analyse the consequences of each of your suggested actions. allowed to take meals by their parents. Consequently the attendance in the schools falls sharply. This could result in possibility of discontinuation of midday meal scheme, thereafter of teaching staff and subsequent closing

20 Marks) (250 Words)

down the school.





- a) Discuss some feasible strategies to overcome the conflict and to create right ambiance.
- b) What should be the responsibilities of different social segments and agencies to create positive social ambiance accepting such changes?
- Q11. One of the scientists working in the R&D laboratory of a major pharmaceutical company discovers that one of company's best selling veterinary drugs has the potential to cure a currently incurable liver disease which is prevalent in tribal

areas. However, developing a variant of the drug suitable for human being entailed a lot of research and development having

huge expenditure to the extent of Rs. 50 crores. It was unlikely that company would recover the cost as the disease was

rampant only in poverty stricken areas having very little market otherwise.

If you were the CEO, then (20 Marks) (250 Words)

- a) Identify the various actions that you could take
- b) Evaluate the pros and cons of each of your actions
- Q12. There is a disaster prone state having frequent landslides, forest fires, cloudbursts, flash floods and earthquakes, Some of these are seasonal and often unpredictable. The magnitude of the disaster is always unanticipated. During one of seasons a cloudburst caused a devastating floods and landslides leading to high casualties. There was major damage infrastructure like roads, bridges and power generating units. This led to more than 100000 pilgrims, tourist and other locals trapped across different routes and locations. The people trapped in your area of responsibility includes senior citizens, patients

in hospitals, women and children, hiker, tourist, ruling parties, regional presidents along with his family, additional chief

secretary of the neighboring state and prisoners in jail. As a civil services officer of the state, what would be the order in which you would rescue these people and why? Give

Justifications (20 Marks) (200 Words)

Q13. You are heading a district administration in a particular department. Your senior officer calls you from the State

Headquarters and tells you that a plot in Rampur village is to have a building constructed on it for a school. A visit is scheduled

during which he will visit the site along with the chief engineer and the senior architect. He wants you to check out all papers relating to it and ensure that the visit is properly arranged. You examine the file which relates to the period before you

joined the department. The land was acquired for the local panchayat at a nominal cost and the papers showed that clearance

certificates are available for the two of the three authorities who have to certify the site's suitability. There is no certification

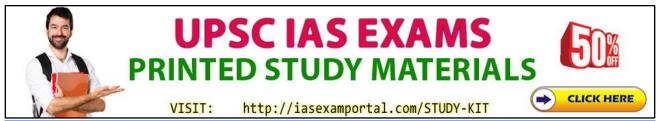
by the architect available on file. You decide to visit Rampur to ensure that all is in the order as stated on file. When you visit

Rampur, you find that the plot under reference is a part of Thakurgarh fort and that the walls, ramparts, etc., are running across

it. The fort is well away from the main village, therefore a school here will be a serious inconvenience for the children.

some vested interest. (25 Marks) (250 Words)

- a) List the likely vested interest of the concerned parties.
- b) Some of the options for action available to you are listed below. Discuss the merits and demerits of each of the options:
- i) You can await the visit of the superior officer and let him take a decision.
- ii) You can seek his advice in writing or on phone.
- iii) You can consult your predecessor/ colleagues, etc, and then decide what to do.
- iv) You can find out if any alternate plot can be got in exchange and then send a comprehensive written report.





Can you suggest any other option with proper justifications?

Q14. You are recently posted as district development officer of a district. Shortly thereafter you found that there considerable tension in the rural areas of your district on the issue of sending girls to schools.

The elders of the village feel that many problems have come up because girls are being educated and they are stepping out the safe environment of the household. They are the view that the girls should be quickly married off with minimum education.

The girls are also competing for jobs after education, which have traditionally remained in boys' exclusive domain, adding unemployment amongst male population.

The younger generation feels that in the present era, girls should have equal opportunities for education and employment, and

other means of livelihood. The entire locality is divided between sexes in both generations. You come to know that Panchayat or in other local bodies or even in busy crosswords, the issue is being acrimoniously debated.

One day you are informed that an unpleasant incident has taken place. Some girls were molested, when they were en route schools. The incident led to clashes between several groups and a law and order problem has arisen. The elder after heated

discussion have taken a joint decision not to allow girls to go to school and to socially boycott all such families, which do follow their dictate. (250 words) (25 Marks)

- a) What steps would you take to ensure girls' safety without disrupting their education?
- b) How would you manage and mould patri archic attitude of the village elders to ensure harmony in the inter-generational relations?





#### **UPSC Mains Exam General Studies Question Paper 2014**



# UPSC MAINS Papers

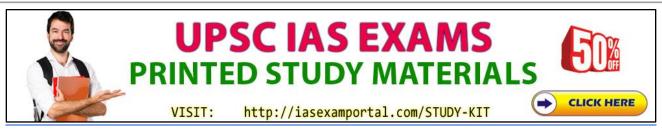
# UPSC Mains Exam General Studies Paper-1-2014

- 1. To what extent has the urban planning and culture of the Indus Valley Civilization provided inputs to the present day urbanization? Discuss.
- 2. Gandhara sculpture owed as much to the Romans as to the Greeks. Explain.
- 3. Taxila university was one of the oldest universities of the world with which were associated a number of renowned learned personalities of different disciplines. Its strategic location caused its fame to flourish, but unlike Nalanda, it is not considered as a university in the modern sense. Discuss.
- The third battle of Panipat was fought in 1761. Why were so many empire-shaking battles fought at Panipat?
   Sufis and medieval mystic saints failed to modify either the religious ideas and practices or the outward structure of Hindu/Muslim societies to any appreciable extent. Comment.

6. Examine critically the various facets of economic policies of the British in India

From mid-eighteenth century till independence.

- 7. In what ways did the naval mutiny prove to be the last nail in the coffin of British colonial aspirations in India?
- 8. What were the major political, economic and social developments in the world Which motivated the anticolonial struggle in India?
- 9. What were the events that led to the Suez Crisis in 1956? How did it deal a final blow to Britain's self-image as a world power?
- 10. The New Economic Policy 1921 of Lenin had influenced the policies adopted by India soon after independence. Evaluate.
- 11. How does patriarchy impact the position of a middle class working woman in India?
- 12. Why do some of the most prosperous regious of India have an adverse sex ratio for women? Give your arguments.
- 13. The life cycle of a joint family depends on economic factors rather than social values. Discuss.



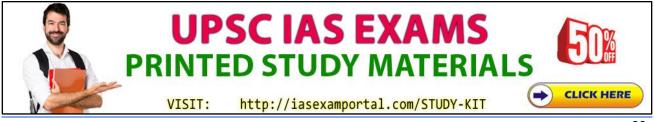


- 14. Discuss the various economic and sociocultural forces that are driving increasing feminization of agriculture in India.
- 15. How do the India debates on secularism differ from the debates in the West?
- 16. Most of the unusual climatic happenings re explained a an outcome of the El-Nino effect. Do you agree?
- 17. Why are the world's fold mountain systems located along the margins of continents? Bring out the association Between the global distribution of fold mountains and the earth quakes and volcanoes.
- 18. Explain the formation of thousands of islands in Indonesian and Philippines archipelagos.
- 19. Tropical cyclones are largely confined to South China Sea, Bay of Bengal and Gulf Of Mexico. Why?
- 20. Bring out the relationship between the shrinking Himalayan glaciers and the Symptoms of climate change in the Indian sub-continent.
- 21. Whereas the British planters had developed tea gardens all along the Shivaliks and Lesser Himachal Pradesh, in effect they did not succeed beyond the Darjeeling area. Explain.
- 22. Why did the Green Revolution in India virtually bypass the eastern region despite fertile soil and good availability of water?
- 23. Account for the change in the spatial pattern of the Iron and Steel Industry in the world.
- 24. Critically evaluate the various resources of the oceanswhich can be harnessed to meet the resource crisis in the world.
- 25. How does India see its place in the economic space of rising natural resource richAfrica?

# UPSC Mains Exam General Studies Paper-2-2014

# Answer the question in NOT MORE THAN 200 words each. Contents of the answer is more important than its length. All question carry equal marks.

- 1. Staring from inventing the 'basic structure' doctrine, the judicial activism in achieving the ideals of democracy.
- 2. Though the federal principal is dominant in our constitution and that principle is one of its basic features, but it is equally true that federalism under the Indian Constitution leans in favour of a strong Center, a feature that militates against the concept of strong federalism. Discuss.
- 3. The 'Powers, Privileges and Immunities of Parliament and its members' as envisaged in Article 105 of the Constitution leave Room for a large number of unenumerated privileges'. How can this problem be addressed?
- 4. What do you understand by the concept "Freedom of speech and expression"? Does it coverhat speech also? Why do the films in India stand on a slightly different plane From other forms of expression? Discuss.
- 5. Instances of President's delay in commuting death sentences has come under public debate as denial of justice. Should there be a time limit specified for the President to accept/reject such petitions? Analyse.
- 6. The size of the cabinet should be as big as governmental work justifies and as big as he PrimeMinister can manage as a team. How far is the efficacy of a government then inversely related to the size of the cabinet? Discuss.
- 7. Thought 100 percent FDI is already allowed in nonnews media like a trade publication and general entertainment channel, the Government is mulling over the proposal for increased FDI in new for quite some time. What difference would an increase in FDI make? Critically evaluate the pros and cons.
- 8. The setting up of a Rail Tarif Authority to regulate fares will subject the cash strapped Indian Railways to demand subsidy for obligation to operate non profitable





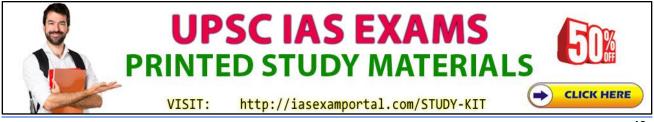
routes and services. Taking into account the experience in the power sector, discuss if the proposed reformis expected to benefit the consumers, the Indian Railways or the private container operators.

- 9. National Human Rights Commission (NIIRC) in India can be most effective when its tasks are adequately supported by other mechanisms that ensure the accountability of a government. In light of The above observation assess the role of NHRC as an effective complement to the judiciary and the judiciary and other institutions. In promoting and protecting human rights standards.
- 10. The penetration of self-help groups (SHGs) in rural areas in promoting participation in development programmes is facing sociocultural hurdles. Examine.
- 11. Do government schemes for up-lifting vulnerable and backward communities by protecting required social resources for them, lead to their exclusion in establishing businesses in urban economies?
- 12. An athlete participates in Olympics for personal triumph and nation's glory; victors are showered with cash incentives by various agencies, on their return. Discuss the merit of state sponsored talent hunt and its cultivation as against the rationale of a reward mechanism as encouragement.
- 13. Should the premier institutes like IITs/ IIMs be allowed to retain premier status, allowed more academic independence in designing course and also decide mode/ criteria of selection of students. Discuss inlight of the growing challenges.
- 14. Has the Cadre based Civil Services Organization been the cause of slow change in India? Critically examine.
- 15. Two parallel run schemes of the Government, viz the Adhaar Card and NPR, one as voluntary and the other as compulsory, have led to debates at national levels and also litigations. On merits, discuss whether or not both schemes need run concurrently. Analyse the potential of the schemes to achieve developmental benefits and equitable growth.

- 16. With respect to the South China sea,maritime territorial disputes and rising tension affirm the need for safeguarding maritime security to ensure freedom of navigation and overflight throughout the region. In this context, discuss the bilateral issues between India and China
- 17. The aim of Information Technology Agreements (ITAs) is to all taxes and tariffs on information technology products by signatories to zero. What impact would such agreements have on India's interests?
- 18. Some of the International funding agencies have special terms for economic participation stipulating a substantial component of the aid to be used for sourcing equipment from the leading countries. Discuss on merits of such terms and if there exists a strong case not to accept such conditions in the India context.
- 19. India has recently signed to become founding member of New Development Bank (NDB) and also the Asian Infrastructure Bank (AIIB). How will the role of the two Banks be different? Discuss the strategic significance of these two Banks for India.
- 20. WTO is an important international institution where decisions taken affect countries in a profound manner. What is the mandate of WTO and how binding are their decisions? Critically analyse India's stand on the latest round of talks on Food security.

## UPSC Mains Exam General Studies Paper-3-2014

- 1. Normally countries shift from agriculture to industry and then later to services, but India shifted directly from agriculture to services. What are the reasons for the huge growth of services vis-à-vis industry in the country? Can India become a developed Country without a strong industrial base?
- 2. "While we flaunt India's demographic dividend, we ignore the dropping rates of employability." What are we





missing while doing so? Where will the jobs that India desperately needs come from? Explain.

- 3. There is also a point of view that Agricultural Produce Market Committees (APMCs) set up under the State Acts have not only impede the development of agriculture but also have been the cause of food inflation in India. Critically examine.
- 4. "In the villages itself no form of credit organization will be suitable except the cooperative society." —All India Rural Credit Survey. Discuss this statement in the background of agricultural finance in India. What constraints and challenges do financial institutions supplying agricultural finance face? How can technology be used to better reach and serve rural clients?
- 5. The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 has come into effect from 1st January, 2014. What are the key issues which would get addressed with the Act in Place? What implications would it have on industrialization and agriculture in India?
- 6. Capitalism has guided the world economy to unprecedented prosperity. However, it often encourages short-sightedness and contributes to wide disparities between the rich and the poor. In this light, would it be correct to believe and adopt capitalism for bringing inclusive growth in India? Discuss.
- 7. Explain how Private Public Partnership arrangements, m long gestation infrastructure projects, can transfer unsustainable liabilities to the future. What arrangements need to be put in place to ensure that successive generations' capacities are not compromised?
- 8. National Urban Transport Policy emphasizes on 'moving people' instead of 'moving vehicles'. Discuss critically the success of the various strategies of the Government in this regard.
- 9. Foreign Direct Investment (FDI) in the defence sector is now set to be liberalized. What influence this is expected to have on Indian defence and economy in the short and long run?

- 10. Scientific research in Indian universities is declining, because a career in science is not as attractive as are business professions, engineering or administration, and the universities are becoming consumer oriented. Critically comment.
- 11. Can overuse and free availability of antibiotics without Doctor's prescription, be contributors to the emergence of drug resistant diseases in India?
- 12. In a globalized world, Intellectual Property Rights assume significance and are a source of litigation. Broadly distinguish between the terms-Copyrights, Patents and Trade Secrets.
- 13. Should the pursuit of carbon credits and clean development mechanisms set up under UNFCCC be maintained even though there has been a massive slide in the value of a carbon credit? Discuss with respect to India's energy needs for economic growth.
- 14. Drought has been recognized as a disaster in view of its spatial expanse, temporal duration, slow onset and lasting effects on vulnerable sections. With a focus on the September 2010 guidelines from the National Disaster Management Authority (NDMA), discuss the mechanisms for preparedness to deal with likely El Nino and La Nina fallouts in India.
- 15. Environmental Impact Assessment studies are increasingly undertaken before a project is cleared by the Government. Discuss the environmental impacts of coal fired thermal plants located at coalpit threads.
- 16. "The diverse nature of India as a multi religious and multi-ethnic society is not immune to the impact of radicalism which is seen in her neighbourhood." Discuss along with strategies to be adopted to counter this environment.
- 17. International civil aviation laws provide all countries complete and exclusive sovereignty over the airspace above their territory. What do you understand by 'airspace'? What are the implications of these laws on the space above this airspace? Discuss the challenges which this poses and suggest ways to contain the threat.





- 18. How does illegal transborder migration pose a threat to India's security? Discuss the strategies to curb this, bringing out the factors which give impetus to such migration.
- 19. In 2012, the longitudinal marking for high risk areas for piracy was moved from 65 degrees east to 78 degrees east in the Arabian Sea by the International Maritime Organization. What impact does this have on India's maritime security concerns?
- 20. China and Pakistan have entered into an agreement for development of an economic corridor. What threat does this pose for India's security? Critically examine.

## UPSC Mains Exam General Studies Paper-4-2014

- 1. (a)All human beings aspire for happiness. Do you agree?What does happiness mean to you? Explain with examples.
- (b) What does ethics seek to promote in human life? Why is it all the more important in public administration?
- 2. (a) In the context of defence services, 'patriotism' demands readiness to even lay down one's life in protecting the nation. According to you, what does patriotism imply in everyday civil life? Explain with illustrations and justify your answer.
- (b)What do you understand by 'probity' in public life? What are the difficulties in practicing it in the present times? How can these difficulties be overcome?
- 3. (a) "Integrity without knowledge is weak and useless, but knowledge without integrity is dangerous and dreadful." What do you understand by this statement? Explain your stand with illustrations from the modern context.
- (b) "Human beings should always be treated as 'ends' in themselves and never as merely 'means'." Explain the meaning and significance of this statement, giving its implications in the modern techno economic society.

- 4. (a)Which eminent personality has inspired you the most in the context of ethical conduct in life? Give the gist of his/her teachings. Giving specific examples, describe how you have been able to apply hese teachings for your own ethical development.
- (b) There is a heavy ethical responsibility on the public servants because they occupy positions of power, handle huge amounts of public funds, and their decisions have wide-ranging impact on society and environment. What steps have you taken improve your ethical competence to handle such responsibility?
- 5. (a) the current society is plagued with widespread trust-deficit. What are the consequences of this situation for personal well-being and for societal well-being? What can you do at the personal level to make yourself trustworthy?
- (b) It is often said that poverty leads to corruption. However, there is no dearth of instances where affluent and powerful people indulge in corruption in a bigway. What are the basic causes of corruption among people? Support your answer with examples.
- 6. What factors affect the formation of a person's attitude towards social problems? In our society contrasting attitudes are prevalent about many social problems. What contrasting attitudes do you notice about the caste system in our society? How do you explain the existence of these contrasting attitudes?
- 7. What does 'accountability' mean in the context of public service? What measures can be adopted to ensure individual and collective accountability of public Servants?
- 8. We are witnessing increasing instances of sexual violence against women in the country. Despite existing legal provisions against it, the number of such incidences is on the rise. Suggest some innovative measures to tackle this menace.
- 9. Now-a-days, there is an increasing thrust on economic development all around the globe. At the same time, there is also an increasing concern about environmental





degradation caused by development. Many a time, we face a direct conflict between developmental activity and

environmental quality. It is neither feasible to stop or curtail the development process, nor it is advisable to keep degrading the environment, as it threatens our very Survival.

Discuss some possible strategies which could be adopted to eliminate this conflict and which could load to sustainable development.

10. Suppose one of your close friends, who is also aspiring for civil services, comes to you for discussing some of the issues related to ethical conduct in public service.

He raises the following points:

- (i) In the present times, when unethical environmental is quite prevalent, individual attempts to stick to ethical principles may cause a lot of problems in one's career. It may also cause hardship to the family members as well as risk to one's life. Why should we not be pragmatic and follow the path of least resistance, and be happy with doing whatever good we can?
- (ii) When so many people are adopting wrong means and are grossly harming the system, what difference would it make if only a small minority tries to be ethical? They are going to be rather ineffective and are bound to get frustrated.
- (iii) If we become fussy about ethical considerations, will it not hamper the economic progress of our country? After all, in the present age of high competition, we cannot afford to be left behind in the race of development?
- (iv) It is understandable that we should not get involved in grossly unethical practices, but giving and accepting small gratifications and doing small favours increases everybody's motivation. It also makes the system more efficient. What is wrong in adopting such practices? Critically analyze the above viewpoints. On the basis of this analysis, what will be your advice to your friend?

11. You are a no-nonsense, honest officer. You have been transferred to a remote district to head a department that is notorious for its inefficiency and callousness. You find that the main cause of the poor state of affairs is the indiscipline of a section of employees. They do not work themselves and also disrupt the working of others.

You first warned the troublemakers to mend their ways or else face disciplinary action. When the warning had little effect, you issued a show cause notice to the ringleaders. As a retaliatory measure, these

troublemakers instigated a woman employee amongst themto file a complaint of sexual harassment against youwith the Women's Commission. The Commission promptly seeks your explanation. The matter is also publicized in the media to embarrass you further. Some of the options to handle this situation could be as follows:

- (i) Give your explanation to the Commission and go soft on the disciplinary action.
- (ii) Ignore the Commission and proceed firmly with the disciplinary action.
- (iii) Brief your higher-ups, seek directions from them and act accordingly. Suggest any other possible option(s). Evaluate all of them and suggest the best course of action, giving your reasons for it.
- 12. Suppose you are the CEO of a company that manufactures specialized electronic equipment used by a government department. You have submitted your bid for the supply of this equipment to the department. Both the quality and cost of your offer are better than those of the competitors. Yet the concerned officer is demanding a hefty bribe for approving the tender. Getting the order is important both for you and for your company.Not getting the order would mean closing a production line. It may also affect your own career.However, as a value-conscious person, you do not want to give bribe. Valid arguments can be advanced both for giving the bribe and getting the loss of the order. What those arguments





could be?Could there be any better way to get out of this dilemma? If so, outline the main elements of this third way, pointing out its merits.

13. Rameshwar successfully cleared the prestigious civil services examination and was excited about the opportunity that he would get through the civil services to serve the country. However, soon after joining the services, he realized that things are not as rosy as he had imagined. He found a number of malpractices prevailing in the department assigned to him. For example, funds under various schemes and grants were being misappropriated. The official facilities were frequently being used for personal needs by the officers and staff. After some time, he noticed that the process of recruiting the staff was also not up to the mark. Prospective candidates were required to write an examination in which a lot of cheating was going on. Some Candidates were provided external help in the examination. Rameshwar brought these incidents to the notice of his seniors. However, he was advised to keep his eyes, ears and mouth higher-ups. Rameshwar felt highly disillusioned and uncomfortable. He comes to you seeking your advice. Indicate various options that you think are available in this situation. How would you help him to evaluate these options and choose the most appropriate path to be adopted?

- 14. In our country, the migration of rural people to towns and cities is increasing drastically. This is causing serious problems both in the rural as well as in the urban areas. In fact, things are becoming really unmanageable. Can you analyze this problem in detail and indicate not only the socio-economic but also the emotional and attitudinal factors responsible for this problem? Also, distinctly bring out why-
- (a) educated rural youth are trying to shift to urban areas:
- (b) landless poor people are migrating to urban slums;
- (c) even some farmers are selling off their land and trying to settle in urban areas taking up petty jobs. What feasible steps can you suggest which will be effective in controlling this serious Problem of our country?





#### **UPSC Mains Exam General Studies Question Paper 2013**



# UPSC MAINS Papers

# **UPSC Mains Exam General Studies Paper-1-2013**

- 1. Though not very useful from the point of view of a connected political history of South India, the Sangam literature portrays the social and economic conditions of its time with remarkable vividness. Comment. (200 words) (10 marks)
- **2. A.** Discuss the 'Tandava' dance as recorded in early Indian inscriptions. (100 words) (5 marks)
- B Chola architecture represents a high watermark in the evolution of temple architecture. Discuss (100 words) (5 marks)
- **3**. Defying the barriers of age, gender and religion, the Indian women became the torchbearer during the struggle for Freedom in India. Discuss. (200 words) (10 marks)
- **4.** Several foreigners made India their homeland and participated in various movements. Analyze their role in the Indian struggle for freedom. (200 words) (10 marks)
- **5.** "In many ways, Lord Dalhousie was the founder of modern India." Elaborate. (200 words) (10 marks)

- **6.** Critically discuss the objectives of Bhoodan and Gramdan movements initiated by Acharya Vinoba Bhave and their success. (200 words) (10 marks)
- 7. Write a critical note on the evolution and significance of the slogan, 'Jai Jawan, Jai Kisan'. (200 words) (10 marks)
- **8.** Discuss the contributions of Maulana Abul Kalam Azad to pre- and post-independent India. (200 words) (10 marks)
- **9.** Analyze the circumstances that led to the Tashkent Agreement in 1966. Discuss the highlights of the Agreement. (200 words) (10 marks)
- **10.** Critically examine the compulsion which prompted India to play a decisive role in the emergence of Bangladesh. (200 words) (10 marks)
- **11.** "Latecomer' Industrial Revolution in Japan involved certain factors that were markedly different from what West had experienced." Analyze. (200 words)(10 marks)
- **12.** "Africa was chopped into states artificially created by accidents of European competition." Analyze. (200 words) (10 marks)
- **13.** "American Revolution was an economic revolt against mercantilism." Substantiate. (200 words) (10 marks)





- **14.** What policy instruments were deployed to contain the Great Economic Depression? (200 words) (10 marks)
- **15.** Discuss the various social problems which originated out of the speedy process of urbanization in India. (200 words) (10 marks)
- **16.** "Male membership needs to be encouraged in order to make women's organization free from gender bias." Comment. (200 words) (10 marks)
- **17.** Critically examine the effect of globalization on the aged population in India. (200 words) (10 marks)
- **18.** Growing feeling of regionalism is an important factor in generation of demand for a separate state. Discuss. (200 words) (10 marks)
- **19. a** What do you understand by the theory of continental drift? Discuss the prominent evidences in its support. (100 words) (5 marks)
- **19.b** The recent cyclone on the east coast of India was called 'Phailin'. How are the tropical cyclones named across the world? Elaborate. (100 words) (5 marks)
- **20.** a Bring out the causes for the formation of heat islands in the urban habitat of the world. (100 words) (5 marks)
- 20. b What do you understand by the phenomenon of 'temperature inversion' in meteorology? How does it affect weather and the habitants of the place? (100words) (5 marks)
- **21.** Major hot deserts in northern hemisphere are located between 20-30 degN latitudes and on the western sides of the continents. Why? (200 words) (10 marks)
- **22.** a Bring out the causes for more frequent occurrence of landslides in the Himalayas than in the Western Ghats. (100 words) (5 marks)
- 22. b There is no formation of deltas by rivers on the Western Ghats. Why? (100 words) (5 marks)
- **23.** a Do you agree that there is a growing trend of opening new sugar mills in southern states of India? Discuss with justification. (100 words) (5 marks)
- 23. b Analyze the factors for the highly decentralized cotton textile industry in India. (100 words) (5 marks)

- **24.** With growing scarcity of fossil fuels, the atomic energy is gaining more and more significance in India. Discuss the availability of raw material required for the generation of atomic energy in India and in the world. (200 words) (10 marks)
- 25. It is said that India has substantial reserves of shale oil and gas, which can feed the needs of the country for quarter century. However, tapping of the resource does not appear to be high on the agenda. Discuss critically the availability and issues involved. (200 words) (10 marks)

## UPSC Mains Exam General Studies Paper-2-2013

- 1. The role of individual MPs (Members of Parliament) has diminished over the years and as a result healthy constructive debates on policy issues are not usually witnessed. How far can this be attributed to the anti-defection law which was legislated but with a different intention? (200 words) 10
- 2. Discuss -Section 66A of IT Act, with reference to its alleged violation of Article 19 of the Constitution. (200 words) 10
- **3.** Recent directives from Ministry of Petroleum and Natural Gas are perceived by the 'Nagas' as a threat to override the exceptional status enjoyed by the State. Discuss in light of Article 371A of the Indian Constitution. (200 words) 10
- **4.** 'The Supreme Court of India keeps a check on arbitrary power of the Parliament in amending the Constitution.' Discuss critically. (200 words) 10
- **5.** Many States Governments further bifurcate geographical administrative areas like Districts and Talukas for better governance. In light of the above, can it also be justified that more number of smaller States would bring in effective governance at State level? Discuss. (200 words) 10





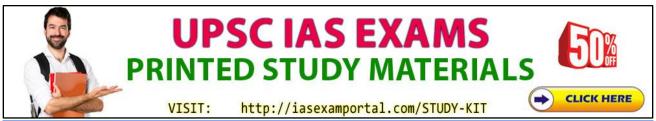
- **6.** Constitutional mechanisms to resolve the inter-state water disputes have failed to address and solve the problems. Is the failure due to structural or process inadequacy or both? Discuss. (200 words)10
- **7**. Discuss the recommendations of the 13th Finance Commission which have been a departure from the previous commissions for strengthening the local government finances. (200 words) 10
- **8.** The product diversification of financial institutions and insurance companies, resulting in overlapping of products and services strengthens the case for the merger of the two regulatory agencies, namely SEBI and IRDA. Justify. (200 words) 10
- **9.** The concept of Mid Day Meal (MDM) scheme is almost a century old in India with early beginnings in Madras Presidency in pre-independent India. The scheme has again been given impetus in most states in the last two decades. Critically examine its twin objectives, latest mandates and success: (200 words) 10
- **10.** Pressure group politics is sometimes seen as the informal face of politics. With regards to the above, assess the structure and functioning of pressure groups in India. (200 words) 10
- **11.** The legitimacy and accountability of Self Help Groups (SHGs) and their patrons, the micro-finance outfits, need systematic assessment and scrutiny for the sustained success of the concept. Discuss. (200 words) 10
- **12.** The Central Government frequently complains on the poor performance of the State Governments in eradicating suffering of the vulnerable sections of the society. Restructuring of Centrally sponsored schemes across the sectors for ameliorating the cause of vulnerable sections of population aims at providing flexibility to the States in better implementation. Critically evaluate. (200 words) 10
- **13.** Electronic cash transfer system for the welfare schemes is an ambitious project to minimize corruption, eliminate wastage and facilitate reforms Comment. (200

words) 10

- **14.** The basis of providing urban amenities in rural areas (PURA) is rooted in establishing connectivity Comment. (200 words) 10
- **15.** Identify the Millennium Development Goals (MDGs) that are related to health. Discuss the success of the actions taken by the Government for achieving the same.

(200 words) 10

- **16.** Though Citizens' charters have been formulated by many public service delivery organizations, there is no corresponding improvement in the level of citizens' satisfaction and quality of services being provided Analyse. (200 words) 10
- **17.** 'A national Lokpal, however strong it may be, cannot resolve the problems of immorality in public affairs.' Discuss. (200 words) 10
- **18.** The proposed withdrawal of International Security Assistance Force (ISAF) from Afghanistan in 2014 is fraught with major security implications for the countries of the region. Examine in light of the fact that India is faced with a plethora of challenges and needs to safeguard its own strategic interests. (200 words) 10
- **19.** What do you understand by 'The String of Pearls'? How does it impact India? Briefly outline the steps taken by India to counter this. (200 words) 10
- **20.** Economic ties between India and Japan while growing in the recent years are still far below their potential. Elucidate the policy constraints which are inhibiting this growth. (200 words)
- **21.** The protests in Shahbag Square in Dhaka in Bangladesh reveal a fundamental split in society between the nationalists. And Islamic forces. What is its significance for India-? (200 words) 10
- **22.** Discuss the political developments in Maldives in the last two years. Should they be of any cause of concern to India? (200 words) 10
- 23. In respect of India-Sri Lanka relations, discuss how domestic factors influence foreign policy. (200 words) 10





- **24.** What is meant by Gujral doctrine? Does it have any relevance today? Discuss. (200 words) 10
- 25. The World Bank and the IMF, collectively known as the Bretton Woods Institutions, are the two intergovernmental pillars supporting the structure of the world's economic and financial order. Superficially, the World Bank and the IMF exhibit many common characteristics, yet their role, functions and mandate are distinctly different. Elucidate. (200 words)

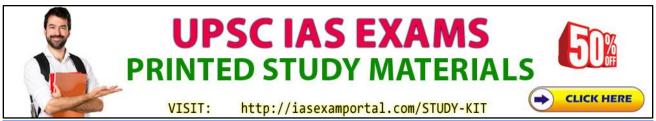
## UPSC Mains Exam General Studies Paper-3-2013

- 1. With a consideration towards the strategy of inclusive growth, the new Companies Bill, 2013 has indirectly made CSR a mandatory obligation. Discuss the challenges expected in its implementation in right earnest. Also discuss other provisions in the Bill and their implications. (200 words)
- 2. What were the reasons for the introduction of Fiscal Responsibility and Budget Management (FRBM) Act, 2013? Discuss critically its salient features and their effectiveness. (200 words)
- **3.** What is the meaning of the term 'tax expenditure'? Taking housing sector as an example, discuss how it influences the budgetary policies of the government. (200 words)
- **4.** Food Security Bill is expected to eliminate hunger and malnutrition in India. Critically discuss various apprehensions in its effective implementation along with the concerns it has generated in WTO. (200 words)
- **5**. What are the different types of agriculture subsidies given to farmers at the national and at state levels? Critically analyse the agricultural subsidy regime with reference to the distortions created by it. (200 words)
- **6.** India needs to strengthen measures to promote the pink revolution in food industry for ensuring better nutrition and health. Critically elucidate the statement. (200 words)

- **7.** Examine the impact of liberalization on companies owned by Indians. Are they competing with the MNCs satisfactorily? Discuss. (200 words)
- 8. Establish relationship between land reforms, agricultural productivity and elimination of poverty in the Indian economy. Discuss the difficulties in designing and implementation of agriculture friendly land reforms in

India. (200 words)

- **9.** (a) Discuss the impact of FDI entry into Multi-trade retail sector on supply chain management in commodity trade pattern of the economy. (100 words)
- 9. (b) Though India allowed Foreign Direct Investment (FDI) in what is called multibrand retail through the joint venture route in September 2012, the FDI, even after a year, has not picked up. Discuss the reasons. (100 words)
- **10.** Discuss the rationale for introducing the Goods and Services Tax (GST) in India. Bring out critically the reasons for the delay in roll out for its regime. (200 words)
- **11.** Write a note on India's green energy corridor to alleviate the problem of conventional energy. (200 words)
- **12.** Adoption of PPP model for infrastructure development of the country has not been free of criticism. Critically discuss the pros and cons of the model. (200 words)
- **13.** Bringing out the circumstances in 2005 which forced amendment to the section 3(d) in Indian Patent Law, 1970, discuss how it has been utilized by the Supreme Court in its judgement in rejecting Novartis' patent application for 'Glivec'. Discuss briefly the pros and cons of the decision. (200 words)
- **14.** What do you understand by Fixed Dose drug Combinations (FDCs)? Discuss their merits and demerits. (200 words)
- **15**. What do you understand by Umpire Decision Review System in cricket? Discuss its various components.





Explain how silicone tape on the edge of a bat may fool the system?

- **16.** (a)What is a digital signature?What does its authentication mean? Give various salient built-in features of a digital signature. (100 words)
- 16. (b) How does the 3D printing technology work? List out the advantages and disadvantages of the technology. (100 words)
- **17.** (a) What is an FRP composite material? How are they manufactured? Discuss their application in aviation and automobile industries. (100 words)
- 17. (b) What do you understand by Run-of river hydroelectricity project? How is it different from any other hydroelectricity project? (100words)
- **18.** How important are vulnerability and risk assessment for pre-disaster management? As an administrator, what are key areas that you would focus on in a Disaster Management System? (200 words)
- **9.** What are the consequences of Illegal mining? Discuss the Ministry of Environment and Forest concept of GO AND NO GO zones for coal mining sector. (200 words)
- 20. Enumerate the National Water Policy of India. Taking river Ganges as an example, discuss the strategies which may be adopted for river water pollution control and management. What are the legal provisions of management and handling of hazardous

wastes in India? (200 words)

- **21.** Money laundering poses a serious security threat to a country's economic sovereignty. What is its significance for India and what steps are required to be taken to control this menace? (200 words)
- **22.** What are social networking sites and what security implications do these sites present? (200 words)
- 23. Cyber warfare is considered by some defense analysts to be a larger threat than even Al Qaeda or terrorism. What do you understand by Cyber warfare?Outline the cyber threats which India is vulnerable to and bring out the state of the country's preparedness to deal with the same. (200 words)

- **24.** Article 244 of the Indian Constitution relates to administration of schedules area and tribal areas. Analyse the impact of non-implementation of the provisions of the Fifth schedule on the growth of Left Wing extremism. (200 words)
- **25.** How far are India's internal security challenges linked with border management particularly in view of the long porous borders with most countries of South Asia and Myanmar? (200 words)

## UPSC Mains Exam General Studies Paper-4-2013

- 1. What do you understand by 'Values' and 'Ethics'? In what way is it important to be ethical along with being professionally competent? (150 words) 10 marks
- **2.** (a) What do you understand by the following terms in the context of public service? (250 words) 3x5= 15 marks.
- 1. integrity;
- 2. Perseverance
- 3. Spirit of Service
- 4. Commitment
- 5. Courage of Conviction
- (b) Indicate two more attributes which you consider important for public service. Justify your answer. 10 marks.
- **3.** Some people feel that values keep changing with time and situation, while others strongly believe that there are certain universal and eternal human values. Give your perception in this regard with due justification. (150 words) 10 marks
- **4.** What is 'emotional intelligence' and how can it be developed in people? How does it help an individual in taking ethical decisions? (150 words) 10 marks
- **5-.** (a) What do you understand by the term 'voice of conscience'? How do you prepare yourself to heed to the voice of conscience? (150 words) 10 marks
- (b) What is meant by 'crisis of conscience'? Narrate one incident in your life when you were faced with such a





crisis and how you resolved the same. (150 words) 10 marks

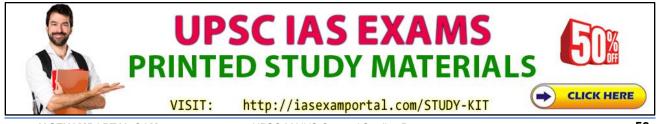
- **6.** Given below are three quotations of great moral thinkers/philosophers. For each of these quotations, bring out what it means to you in the present context:
- (a) "There is enough on this earth for every one's need but for no one's greed." -Mahatma Gandhi (150 words) 10 marks
- (b) "Nearly all men can withstand adversity, but if you want to test a man's character, give himpower." AbrahamLincoln. (150 words) 10 marks
- (c) "I count him braver who overcomes his desires than him who overcomes his enemies." Aristotle (150 words) 10 marks
- 7. "The good of an individual is contained in the good of all." what do you understand by this statement? How can this principle be implemented in public life? (150 words) 10 marks
- **8.** It is often said that 'politics' and 'ethics do not go together. What is your opinion in this regard? Justify your answer with illustration. (150 words) 10 marks
- **9.** A Public Information Officer has receive dan application under RTI Act. Having gathered the information, the PIO discovers that the information pertains to some of the decisions taken by him, which were found to be not altogether right.

There were other employees also who were party to these decisions. Disclosure of the information is likely to lead to disciplinary action with possibility of punishment against him as well as some of his colleagues. Non-disclosure or part disclosure or camouflaged disclosure of information will result into lesser punishment or no punishment.

**10.** You are working as an Executive Engineer in the construction cell of a Municipal Corporation and are presently in-charge of the construction of a flyover. There are two Junior Engineers under you who have the responsibility of day-to-day inspection of the site and are reporting to you, while you are finally reporting to the Chief Engineer who heads the cell. While the

construction is heading towards completion, the Junior Engineer have been regularly reporting that all construction is taking place as per design specifications. However, in one of your surprise inspections, you have noticed some serious deviations and lacunar which, in your opinion, are likely to affect the safety of the flyover. Rectification of these lacunae at this stage would require a substantial amount of demolition and rework which will cause a tangible loss to the contractor and will also delay completion. There is a lot of public pressure on the Corporation to get this construction completed because of heavy traffic congestion in the area. When you brought this matter to the notice of the Chief Engineer, he advised you that in his opinion it is not a very serious lapse and may be ignored. He advised for further expediting the project for completion in time. However, you are convinced that This was a serious matter which might affect public safety and should not be left unaddressed. What will you do in such a situation? Some of the options are given below. Evaluate the merits and demerits of each of these options and finally suggest what course of action you would like to take, giving reasons. (250 words) 20 Marks

11. So far as child labor norms for hazardous industries like firecrackers industry are concerned, International Labour Organization (ILO) has set the minimum age as 18 years. In India, however, this age is 14 years. The units in industrial clusters of firecrackers can be classified into registered and non-registered entities. One typical unit is household based work Though the law is clear on the use of child labour employment norms in registered/ non-registered units, it does not include household based works. Household based work means children working under the supervision of their parents/relative. To evade child labor norms, several units project themselves as household-based works but employ children from outside. Needless to say that employing children saves the costs for these units leading to higher profits to the owner. On your visit to one of the units at Sivakasi, the owner takes you around





the unit which has about 10-15 children below 14 years of age. The owner tells you that in his household-based unit, the children are all his relatives. You notice that several children smirk, when the owner tells you this. On deeper enquiry, you figure out that neither the owner nor the children are able to satisfactorily establish their relationship with each other.

- a. bring out and discuss the ethical issues involved in the above case.
- b. What would be your reaction after your above visit? (300 words) 25 marks
- 12. You are heading a leading technical institute of the country. The institute is planning to convene an interview panel shortly under your chairmanship for selection of the post of professors. A few days before the interview, you get a call From the Personal Secretary (PS) of a senior government functionary seeking your intervention in favor of the selection of a close relative of the functionary for this post. The PS also informs you that he is aware of the long pending and urgent proposal of our institute for grant of funds formodernization, which are awaiting the functionary's approval. He assures you that he would get these proposals cleared.
- a. What are the options available to you?
- b. Evaluate each of these options and choose the option which you would adopt, giving reasons. (250 words) 20 marks
- 13. As a senior officer in the Finance Ministry, you have access to some confidential and crucial information about policy decisions that the Government is about to announce. These decisions are likely to have far reaching impact on the housing and construction

industry. If the builders have access to this information beforehand, they canmake huge profits. One of the builders has done a lot of quality work for the Government and is known to be close to your immediate superior, who asks you to disclose this information to the said builder.

- (a) What are the options available to you?
- (b) Evaluate each of these options and choose the options which you would adopt, giving reasons. (250 words) 20 marks
- 14. You are the Executive Director of an upcoming Infotech Company which is making a name for itself in the market. Mr. A, who is a star performer, is heading the marketing team. In a short period of one year, he has helped in doubling the revenues as well as creating a high brand equity for the company so much so that you are thinking of promoting him. However, you have been receiving information from many corners about his attitude towards the female colleagues; particularly his habit of making loose comments on women. In addition, he regularly sends indecent SMS' to all the team members including his female colleagues. One day, late in the evening, Mrs. X, who is one of Mr. A's Team members, comes you visibly disturbed. She complains against the continued misconduct of Mr. A, who has been making undesirable advances towards her and has even tried to touch her inappropriately in his cabin. She tender her resignation and leaves your office.
- (a) What are the options available to you?
- (b) Evaluate each of these options and choose the options you would adopt, giving reasons. (250 words) 20 marks





#### **UPSC Mains Exam General Studies Question Paper 2012**



# UPSC MAINS Papers

# UPSC Mains Exam General Studies Paper-1-2012

#### 1. Answer any five of the following in about 250 words each: $25 \times 5 = 125$

- (a) What do you understand by the term "Innovation"? Discuss the need for launching a national innovation in India?
- (b) Keeping in view the informal sector's share in the total workforce in the country, critically examine the relevant inclusive measures initiated by the Government of India and their effectiveness.
- (c) Examine the cause and the extent of 'desertification' in India and suggest remedial measures.
- (d) In the context of the growing demands for the ban of Endosulfan in the country, critically examine the issues involved. What, in your view, should be done in the matter?
- (e) "The Indian independence movement was a massbased movement the encompassed various sections of society. It also underwent the process of constant ideological evolution." Critically examine.

- (f) 'The issues of tourism in core areas of tiger reserve forests in the country is a subject
- matter of debate. Critically examine various aspects of this issue, keeping in view relevant recent judicial pronouncements.

#### 2. Answer any seven of the following in about 150 words each: $15 \times 7 = 105$

- (a) "There is an urgent need for the Planning Commission to revise the chapter on health in the 12th Plan document" Comment.
- (b) The Union Cabinet recently cleared the proposal to rename and amend the Child Labour (Prohibition and Regulation) Act, 1986. What are the salient features of the proposed amendments?
- (c) "Domestic resource mobilization, though central to the process of Indian economic growth, is characterized by several constraints." Explain.
- (d) The 'flute-playing Krishna' theme is very popular in Indian art. Discuss
- (e) What are the salient features of the Consumer Protections (Amendment) Bill, 2011 introduced in the Lok Sabha in December 2011?
- (f) What do you understand by the term "Multi-Drug Resistant Tuberculosis" (MDR-TB)? What measures would you advocate for its containment and what are the implications of its spread in the community?





- (g) Given the accelerated pace development and demand for energy, would you consider renewable energy as a viable option for India's future?
- (h) Many food items contain 'trance fate'. What do you understand by this term? Which Indian food items contain Trans fats? What are the implications of trans fats on human health?

#### 3. Answer the following in about 50 words each: 5 × 11 = 55

- (a) What is the 'Parivarik Mahila Lok Adalat'?
- (b) List the main objective of the National Manufacturing Policy (NMP), 2011.
- (c) Comment on the significance of Rasarnava in studying the history of Indian Chemistry.
- (d) What are the Rights within the ambit of Article 21 of the Indian Constitution?
- (e) Comment on the significance of the Preamble contained in the Right to Information Act.
- (f) To implement one key recommendation of the Mohini Giri Committee, the Government has recently announced the constitution of a National Council. Highlight the composition and the mandate of the National Council.
- (g) Comment on the recent launching of the National Mission on Libraries (NML).
- (h) What are the groups into which musical instruments in India have traditionally been classified?
- (i) Comment on the significant of fire in Zoroastrianism.
- (j) Why is Lauric Baker called 'the conscience keeper of Indian architecture'?
- (k) You are stationed in a small district town in the plains of Northern India. The summer has been severe. Suddenly, a colleague, who had been out since morning, returns to the office complaining of headache, restlessness and confusion. Shortly, he becomes unconscious. His body temperature is 40°C. What first aid steps would you take to revive him?

## 4. Comment on each of the following in about 20 words each: $2 \times 5 = 10$

(a) The significance of Patharughat in the Indian freedom struggle.

- (b) Bagurumba folk dance
- (c) Determining the 'value' assigned to the vote of a Member of a State Legislative Assembly and of aMember of Parliament in the Indian Presidential elections
- (d) Significance of the SPOT-6 rocket launch for ISRO
- (e) Issues highlighted through the work of Palagummi Sainath

## 5. Why have the following been in the news recently? (Answer to be in one sentence only) $1 \times 5 = 5$

- (a) P.V. Sindhu
- (b) Aditya Kumar Mandi
- (c) Cyrus Mistry
- (d) Ashoke Sen
- (e) Mario de Miranda

## UPSC Mains Exam General Studies Paper-2-2012

## 1. Answer any five of the following in about 250 words. $25 \times 5 = 125$

- (a) Do you think that China's emergence as one of the largest trading partners of India has adversely against the settlement of the outstanding border problem?
- (b) Discuss the globalization R & D and its impact on India' development. Provide an illustration from at least sectors such as Information Technology or Health.
- (c) Discuss the contentious issues that have caused the prolonged constitutional logiam in Nepal.
- (d) The human population is abated to grew to 9 billion by 2050. In this context, many scientist predict that plant genomes would play critical role in keeping out hunger and preserving the environment.

  Explain.
- (e) 'The situation today is far different to that prevalent fifty years back when the Indus Water treaty was signed.' Highlight the complexity of the current challenges on both sides of the border in this regard. Do you think that a review of the Treaty is in India's best interests?





#### 2. Answer any five of the following in about 150 words each: $15 \times 5 = 75$

- (a) Write a short analytical note on Indian Diaspora. How is the "New Diaspora" different from the "Old Diaspora"?
- (b) Why have the resource rich African and South Asian countries remained poor of decades? Explain.
- (c) Does Putin's return as President of Russian mark a shift to a confrontationist stance in international diplomacy towards the West?
- (d) Analyse critically the interlinkages between the Convention on Biological Diversity and FAO Treaty on Plant Genetic Resources for Food and Agriculture.
- (e) Critically review the international concern in achieving the target set for the Minimum Development Goals
- (f) Discuss the likely negative impact of the protectionist measure proposed by the US on India's software industry.

### 3. Answer any six of the following in not more than 100 words each: $10 \times 6 = 60$

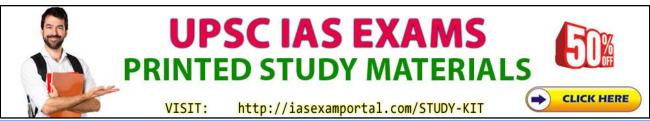
- (a) In the context of Assisted Reproductive Technologies. India has emerged as a hut of commercial surrogacy. What key biological, legal and ethical issues merit consideration while framing the regulation to govern surrogacy in India?
- (b) Why is international trade perceived to have failed to act as an "engine of growth" in many developing countries including India?
- (c) Despite strict prohibitory regulations, "doping" has become increasingly common amongst athletes. Name five commonly used performance-enhancing drugs. What are the risks associated with their use?
- (d) Compare the significance of IBSA and BRICS in the context of India's multilateral diplomacy.
- (e) The safe landing of the "Curiosity" Rover under NASA's space programme has sparked many possibilities. What are these and how could humankind benefit from them?
- (f) How have the US sanctions against Iran affected India's bilateral relations with Iran?

(g) What is Perm culture? Give at least three common examples where permaculture concepts are being put to use.

## 4. Answer the following is not more than 50 words each: $5 \times 6 = 30$

- (a) The Sequoias supercomputer was launched this year. What are its specific features and what its purpose?
- (b) What 5 is measure by the G8 + 5 groups?
- (c) The Human Papilloma vaccine has been making the headlines in the recent months. Who make the ideal candidates for receiving this vaccine and what are its benefits?
- (d) What are India's stakes in the South China Sea?
- (e) Explain the concepts "Environmenta Sustainability" and "Sustainable Development of People"?
- (f) Explain briefly the "Clean Development Mechanism" as provided under the United Nations Framework Convention on Climate Change (UNFCCC).
- **5. (A)** The following table gives the number of mistakes made by 16 data entry clerks who enter medical data from case report forms. The column Entered indicates the number of values entered, and the column Errors give the number of coding errors that were detected among these.

Entered	<b>Errors</b>
4434	35
4841	42
6280	15
1958	28
7749	36
2829	42
4239	18
3303	64
4706	34
3770	40
3363	36
1740	23
3404	27
1640	26
3803	56





1529 20

- (i) Make a scatter-plot of these data. Which do you choose for the response and which for the explanatory variables? Describe any patterns.
- (ii) Does the scatter-plot indicate any relation between the two variable?
- (iii) One analyst concluded, "The clerks who enter more values make more mistakes. Evidently they become tried as they enter values." Is this on appropriate conclusion?
- (B) The following table provides the Rural and Urban population of West Bengal

according to the Censuses of 1921 - 1951:

Census	Year	Population (in lakhs)
1921	139.94	24.32
1931	147.92	28.97
1941	171.94	46.79
1951	200.25	62.82

- (i) Construct a sustainable diagram to compare the population figures.
- (ii) Comment on the change in populations.
- (C) Supposemilk being sold at the rates of 18, 20, 22 and 25 rupees per litre in four different months. Assuming that equal amounts of money are spent on milk by a family in the four months, using a suitable measure, determine the average price in rupees per litre.
- **6. (A)** (i)Determine the median and mode for the following distribution of monthly income for 580 middle-class people of a country:

Monthly Income (in Rs. thousands)	Frequency
25 – 30	53
30 – 35	81
35 – 40	114
40 - 45	195
45 - 50	63
50 - 55	32
55 – 60	20
60 - 65	11
65 – 70	8

70 –	75	3

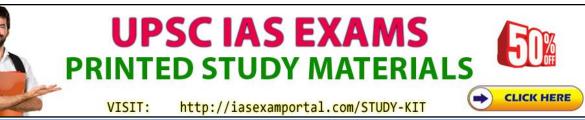
- (ii) Also obtain an approximate value of the mean income from the values of median and mode.
- (iii) Comment on the nature of the income distributors.
- (B) From the frequency distribution of height for 177 Indian adult given below, draw the 'more than type' give:

Height (cm)Class Interval	Frequency
144.55 – 149.55	1
149.55 – 154.55	3
154.55 – 159.55	24
15955 – 164.55	59
164.55 – 169.55	60
169.55 – 174.55	27
174.55 – 179.55	2
179.55 – 184.55	2

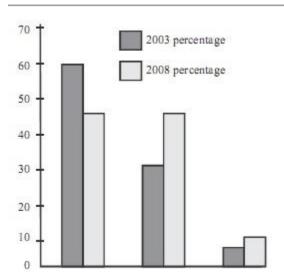
Also locate the position of the median.

(C) A survey of 1000 large U.S. companies conducted by a Research Organisation asked their plans for outsourcing high level white-collar jobs to countries outside the U.S. The following table shows the percentage that indicated a certain action. The data for 2003 are real, the data for 2008 are speculative.

Plan to	2003 (%)		2008 (	%)
Do virtually no	)			
white-collar o	ff shoring 6	3	46	
Offshore whit	e-collar			
work to some	extent 3	3	44	
Offshore any white-collar				
work possible	. 4	ļ	10	
The followin	g Bar cha	rt with	aide-by-side	columns
summarizes t	he data:		-	







- (i) Does the Bar chart compare the impression of any anticipated trend in outsourcing of white-collar jobs?
- (ii) Does the mode differ from the median for the distribution of percentages in 2003 and 2008?





#### **UPSC Mains Exam General Studies Question Paper 2011**



# UPSC MAINS Papers

# UPSC Mains Exam General Studies Paper-1-2011

#### 1. Answer any three of the following in about 250 words each: 20×3=60

- (a) 'Essentially all this is contained in Part IV-A of the Constitution is just a codification of tasks integral of the Indian way of life. Critically examine this statement.
- (b) 'The exercise of executive clemency is not a privilege but is based on several principles, and discretion has to be exercised in public considerations.' Analyse this statement in the context of the judicial powers of the President of India.
- (c) Discuss the extent, causes, and implications of the 'nutrition transition' said to be underway in India.
- (d) Bring out the salient features of the PCPNDT Act, 1994, and the implications of its amendment in 2003.

#### 2. Answer one of the following in about 250 words: 20

(a) Trace the salient sequence of events in the popular revolt that took place in February 1946 in the then 'Royal Indian Navy' and bring out its significance in the freedom struggle. Do you agree with the view that the sailors who took part in this revolt were some of the unsung heroes of the freedom struggle?

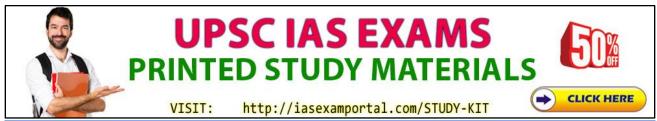
(b) Evaluate the influence of the three important women's organizations of the early twentieth century in India on the country's society and politics. To what extent do you think were the social objectives of these organizations constrained by their political objectives?

#### 3. Answer one of the following in about 250 words: 20

- (a) Critically examine the design of the Natural Rural Livelihoods Mission (NRLM) scheme. Do you think it has a better chance of success than the Swarnajayanti Gram Swarojgar Yojana (SGSY) in achieving its objectives?
- (b) Highlight the structure, objectives and role of the Advertising Standards Council of India. in what way has the August 2006 government notification made it more Effective?

## 4. Comment on any five of the following in about 150 words each: 12×5=60

- (a) Salient recommendations of the RBI appointed Damodaran committee on customer service in Banks
- (b) Deendayal Disabled Rehabilitation Scheme (DDRS).
- (c) Evolution of 'Green Benches' in our higher judiciary.
- (d) Distinction between 'Department Related Parliamentary Standing Committees' and Parliamentary Forums'.
- (e) Benefits and potential drawbacks of 'cash transfers' to 'Below Poverty Line' (BPL) households.





- (f) New initiatives during the 11th Five Year Plant in the National Programme for Control of Blindness (NPCB).
- 5. Examine any three of the following in about 150 words each: 12×3=36
- (a) The impact of climate change on water resources in India.
- (b) Measures taken by the Indian government to combat piracy in the Indian Ocean.
- (c) The significance of counter-urbanisation in the improvement of metropolitan cities in India.
- (d) Problems specific to the denitrified and nomadic tribes in India.
- 6. In the context of the freedom struggle, write short notes (not exceeding 50 words each) on the following: 5x3=15
- (a) 'Binoy-Badal-Dinesh Martyrdom
- (b) Bharat Naujawan Sabha
- (c) 'Babbar Akali' movement
- 7. Comment on the following in not more than 50 words each: 5×6=30
- (a) Phase-IV of the tiger monitoring programme in India.
- (b) Why the Central Statistical Office has notified a new series of Consumer Price Index from this year?
- (c) Composition and functions of the National Executive Communities of the National Disaster Management Authority.
- (d) The Bihar Special Courts Act, 2009 and why it has been in the news recently?
- (e) The Telecommunications Ministry's proposed Spectrum Management Commission.
- (f) The Community-Led Total Sanitation (CLTS) approach to sanitation.
- 8. Attempt the following in not more than 50 words each: 5×4=20
- (a) Distinguish either between the 'Moatsu' and 'Yemshe' festivals of Nagaland Or the 'Losar' and 'Khan' festivals of Arunachal Pradesh.
- (b) Write a sentence each on any five of the following traditional theater forms.
- (i) Bhand Pather

- (ii) Swang
- (iii) Maach
- (iv) Bhaona
- (v) Mudiyettu
- (vi) Dashavatar.
- (c) What are the major different styles of unglazed pottery making in India?
- (d) List the classical dance forms of India as per the Sangeet Natak Akademi.
- 9. Comment on following in not more than 50 words each: 5×5=25
- (a) Nisarga-Runa technology of BARC.
- (b) The first-aid that you safely administer to a person standing next to you at the bus stop who suddenly faints.
- (c) The Kaveri K10 aero-engine.
- (d) Molecular Breast Imaging (MBI) technology.
- (e) E-governance initiatives by the Union Public Service Commission (UPSC).
- 10. Who are the following and why have they been in the news recently? Each answer should not exceed 20 words) 2×7=14
- (a) Lieutenant Navdeep Singh
- (b) Rahim Fahimuddin Dangar
- (c) Lobsang Sangay
- (d) P.R. Sreejesh
- (e) Nileema Mishra
- (f) V. Tejaswini Bai
- (g) Aishwarya Narkar

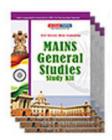
# UPSC Mains Exam General Studies Paper-2-2011

### 1. Answer any two of the following in about 250 words each. 20×2=40

(a) List the Central Asian Republics and identify those of particular strategic and economic importance to India. Examine the opportunities and bottlenecks in enhancing relations with these countries.



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- (b) Critically examine the security and strategic implications of the so-called string of pearls theory for India.
- (c) "Compared to the South Asian Free Trade Area (SAFTA), the Bay of Bengal Initiative for Multispectral Technical and Economic Cooperation Free Trade Area (BIMSTEC FTA) seems to be more promising," Critically evaluates.

### 2. Answer any three of the following in about 150 words each: 12×3=36

- (a) Subsequent to the Number Suppliers' Group (NSG) waiver in 2008, what are the agreements on nuclear energy that India has signed with different countries?
- (b) Trace the progress of India's efforts for a joint counter-terrorism strategy with China. What are the likely implications of the recent Xinjiang violence on these efforts?
- (c) Bring out the importance of the 'Small and Medium Enterprises Expo and Conference' held in Dubai last year Indian business.
- (d) What are the salient features of the political and economic relationship between India and South Africa?

#### 3. Answer either of the following in about 250 words: 20

- (a) "The causes and implications of the Jasmine Revolution and its spread are as much economic in nature as they are political." Critically evaluate.
- (b) In the context of the 'Euro-zone' debt crisis, examine the proposed 'six-pack' solution. Do you think that this has a better chance of success than the earlier Stability and Growth Pact?

#### 4. Answer any four of the following in about 150 words each: 12×4=48

- (a) "As regards the increasing rates of melting of Arctic Sea ice, the interests of the Arctic Council nations may not coincide with those of the wider World." Explain.
- (b) It there still a role for the concept of balance of power in contemporary international politics? Discuss.
- (c) "Strategic interests seem to be replacing commercial interests for the host country with regard to Cam Ranh Bay." Amplify.

- (d) To what extent has the withdrawal of al-Shabad from Mogadishu given peace a real chance in Somalia? Assess.
- (e) On a Formula-one (F-1) racing car track, information to drivers is generally signaled through the standardized use of flags of different colours. Describe the meanings associate with any six of the flags listed below:
- (i) White flat
- (ii) Black flag
- (iii) Yellow flag
- (iv) Blue flag
- (v) Black and white flag divided diagonally
- (vi) Chequered flag
- (vii) Yellow and red striped flag

## 5. Comment on any thirteen of the following in about 50 words each: 5×3=15

- (a) International year of Chemistry
- (b) The source of e-waste
- (c) 'Designer' poultry eggs
- (d) INSPIRE programme of the Department of Science and Technology
- (e) The 'Kessler syndrome' with reference to space debris
- (f) Omega-3 fatty acids in our food
- (g) Difference between 'spin-drying' and 'tumble-drying' technology with reference to drying of washed clothes
- (h) The diminishing population of vultures
- (i) 'Arsenic-bug' and significance of its discovery
- (j) F-22 'Raptor' aircraft
- (k) 'Concentrated' solar energy and 'photovoltaic' solar energy
- (I) Analog, hybrid and IP systems in CCTV technology
- (m) Various applications of Kevlar
- (n) Difference between Compact Disc (CD), Digital Versatile Disc (DVD) and Blu-ray Disc

#### 6. Comment of the following in about 50 words each: 5×5=25

- (a) Functions of the World Customs Organisation (WCO)
- (b) Success of international intervention in Cote d'Ivoire (Ivory Coast)





- (c) Strategies adopted by Colombia to eliminate its drug cartels
- (d) World Food Programme (WEP) of the United Nations (UN)
- (e) Sculpture of the broken chair in front of the UN building at Geneva
- 7. (a) Why have each of the following been in the news recently? (Each answer in a sentence or two only) 2×10=20
- (a) Tiangong-1
- (b) K-computer
- (c) Gliese 581 g
- (d) MABEL robot
- (e) 'Operation Shady Rat'
- (f) 'SAGA-220'
- (g) 'Billion Acts of Green'
- (h) L'Aquila earthquake
- (i) OPERA detector at Gran Sasso
- (i) Saturn's Titan
- (b) Draw an ogive for the following distribution. Read the median from the graph. How many students get between

#### 60 and 72? 5

Marks	No. of students
50-55	6
55-60	10
60-65	22
65-70	30
70-75	16
75-80	12
80-100	15

(c) From the following data calculate missing frequency:

No. of tablets	No. of persons cured
4-8	11
8-12	13
12-16	16
16-20	14
20-24	?
24-28	9
28-32	17

32-36	$\epsilon$
36-40	4

The average number of tables to cure fever was 19.9.

- 8. Why have the following been in the news recently?(Each answer in a sentence or two only) 2×5=10
- (a) 'News International' newspaper
- (b) Mustafa Abdul-Jalil
- (c) Abel Kirui
- (d) Natalie Portman
- (e) Nawaf Salman
- 9. (a) List the requisites of a good table. Present the following in a suitable a tabular form: 5

In 1980 out of a total of 1750 workers of a factory, 1200 were members of a union. The number of women employed was 200 Of which 175 did not belong to the union. In 1985 the number of union workers increased to 1580 of which 1290 were men. On the other hand the number of non-union workers fell down to 208 of which 180 weremen. In 1990 there were 1800' employees who belonged to the union and 50 who did not belong to the union. Of all the employees in 1990, 300 were women of which only 8 did not belong to the union.

- (b) The mean of 200 items was 50. Later on It was found that two items were wrongly read as 92 and 8 instead of 192 and 88. Find the correct mean.
- (c) Students were asked how long it took them to walk to school on a particular morning. A cumulative frequency distribution was formed.

\_ 4

i ime taken (minut	ies)	C.T.
< 5		28
< 10		45
< 15		81
< 20		143
< 25	280	
< 30	349	
< 35	374	
< 40	395	
< 45	400	
//\ <b>-</b>		

Time taken (minutes)

(i) Draw a cumulative frequency curve.





- (ii) Estimate How Many students took less than 18 minutes.
- (iii) 6% of students took x minutes or longer. Find x.
- (d) An Investor buys Rs. 1200 worth of shares in a company each month. During the first five months be bought the shares at a price of Rs. 10, Rs. 12, Rs. 15, Rs. 20 and Rs. 24 per share. After 5 months, what is the average price for the shares by him?4
- (d) Life-time 400 tubes tested in a company is distributed as follows:

Life-time (Hours)	No. of tubes
300-399	14
400-499	46
500-599	58
600-699	76
700-799	68
800-899	62
900-999	48
1000-1099	22
1100-1199	6
Determine	

- (i) Relative frequency of sixth class.
- (ii) Percentage of tubes whose life-time does not exceed 600 hours.

- (iii) Percentage of tubes whose life-time greater than or equal to 900 hours.
- (iv) Percentage of tubes whose life-time is at least 5000 but less than 1000 hours.
- 10. A car travels 25 kmat 25 kmat 50 kph, and 25 kmat 75 kph. Find the average speed of the car of the entire journey.

#### Essay (Compulsory) - 2011

## Write an essay on any one of the following topics: 200

- 1. Certain of smaller states and the consequent administrative, economic and developmental implications.
- 2. Does Indian cinema shape our popular culture or merely reflect it?
- 3. Credit-based education system-status, opportunities and challenges
- 4. In the Indian context, both human intelligence and technical intelligence are crucial in combating terrorism.





#### **UPSC Mains Exam General Studies Question Paper 2010**



# UPSC MAINS Papers

## **UPSC Mains Exam General Studies Paper-1-2010**

### 1. Answer the following (in about 250 words for each answer): $20 \times 2 = 40$

- (a) "Disputes between the- riparian states on sharing of river waters in post-Independence India are becoming increasingly complex." Objectively analyse the major disputes in this connection, with special reference to the Southern States.
- (b) Critically examine the differing estimates for
- (i) poverty figures, and
- (ii) GDP

growth data for April-June 2010, that have been in the news recently. In your view, what estimates are more reflective of the ground reality, and why?

#### 2. Answer any TWO of the following in about 150 words each: $12 \times 2 = 24$

(a) "Dalhousie's predecessors had acted on the general principles of avoiding annexations, if these could be avoided. Dalhousie acted on the principles of

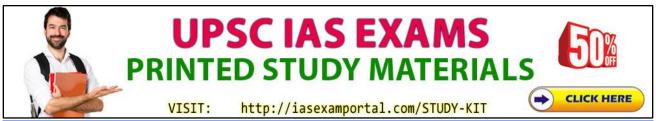
- annexation, if lie could do so legitimately. His annexations were both of war and peace." Analyse.
- (b) With respect to Cooperative Societies what are the salient features of the 106th and 111th Constitutional Amendment Bills as at present?
- (c) "Small-holder farms need to be strengthened to achieve national food security." Do you agree with this assessment? Substantiate.

#### 3. Answer any TWO of the following in about 150 words each: $12 \times 2 = 24$

- (a) Comment on the spatial components in urban solid waste management in the country.
- (b) Assess the contributions made by the Indian Council of Agricultural Research (ICAR) in agricultural development.
- (c) List the significant local storms of the hot weather season .F in the country and bring out their socioeconomic impact.

## 4. Answer any TWO of the following in about 150 words each: 12 × 2 = 24

(a) What are the grounds of disqualification of a Member of Parliament from either House? Quote relevant provisions in your answer.





- (b) Distinguish between the objectives, structure and functioning of the Kendriya Vidyalaya Sangathan' and the Navodaya Vidyalaya Samiti
- (c) Bring out the salient features of the evolution and the current status of the 'Bharat Stage' vehicle emission norms in the country.
- 5. Write brief but precise notes on any SIX of the following. Your answer should not exceed 50 words in each case.  $5 \times 6 = 30$
- (a) Transhumance in India
- (b) Frontogenesis and Frontolysis
- (c) Golden Revolution
- (d) Sea-floor spreading
- (e) Legislative powers assigned to the Rajya Sabha under Art. 249 and Art. 312 of the Constitution
- (f) Causes for dominant dendritic pattern of drainage in the Gangetic plains
- (g) 'Break-of-bulk" towns
- 6. Answer any THREE of the following in about 150 words each:  $12 \times 3 = 36$
- (a) While bringing out their salient features, distinguish between either 'Madhubani' Art and 'Manjusha' Art or 'Rajasthani' schools of painting and the 'Pahari' school of Painting.
- (b) Bring out the powers and responsibilities attached to the office of the Speaker of the Lok Sabha.
- (c) Distinguish between the following four literary awards:
- (i) Jnanpith Award
- (ii) Sahitya Akademi Award
- (iii) Vyas Samman
- (iv) Saraswati Samman
- (d) After the September Ist changes, do you think that Unit Linked Insurance Plans (ULIPs) and Mutual Funds (MFs) are on a level playing field? Substantiate your answer from the perspective of an ordinary investor.
- 7. Answer any FIVE of the following in about 150 words each:  $12 \times 5 = 60$

- (a) What do you understand by 'repo rate' and 'reverse repo rate? What are the implications in raising these rates?
- (b) "Cost-benefit analysis should not be the sole consideration, while deciding to host events like the Commonwealth Games."

Critically comment on this perspective.

- (c) List any eight 'Ramsar' wetland sites located in India. What is the 'Montreux Record' and what Indian sites are included in this Record?
- (d) Are the 'Dedicated Freight Corridor' railway project and the 'Golden Quadrilateral' road project mutually complementary or competitive? Assess.
- (e) "Upliftment of the neglected sections of society will be best served with many more centers of the Indira Gandhi National Tribal University:" Expand on the assertion made.
- (f) Comment on the salient features of the recent (-aftModel Real Estate (Regulation of Development) Ac of the Ministry of Housing and Urban Poverty Alleviation of the Central Government.
- 8. Answer each of the following, briefly but precisely. Each answer should be less than 50 words.  $5 \times 6 = 30$
- (a) How is disagreement between the Legislative Council and the Legislative Assembly of a State in passing of an ordinary Bill, resolved?
- (b) Comment on the recent HFC-23 emissions controversy that includes in its ambit some Indian companies.
- (c) Comment on the recommendations of the Wadhwa Commission on the Public Distribution System.
- (d) What are the salient features of The National Oil Soil Disaster Contingency Plan?
- (e) You arrive first at, the scene where a bus accident as just occurred. What emergency measures should immediately and safely adopt?
- (f) Bring out the sectoral and state-wise distribution patterns of Foreign Direct Investment (FDI) inflows into the country.





#### 9. Write brief notes on each of the following, in about 20 words each: $2 \times 8 = 1$

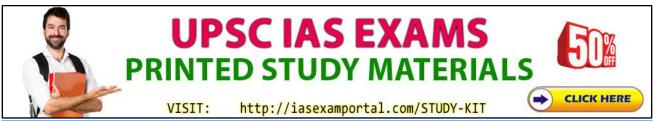
- (a) Contributions of Latika Ghosh to the freedom struggle
- (b) Bhai Maharaj Singh as a freedom fighter
- (c) Chandrayaan-II
- (d) Agni-V
- (e) Babli Project
- (f) 'Swava Jamban' Scheme
- (g) National Investment Fund
- (h) 'Aerostat' balloon
- 10. Who are the following and why have been in the news recently? (Each answer should not exceed 20 words):  $2 \times 8 = 16$
- (a) Divya Ajith kumar
- (b) N.C. Saxena
- (c) Islam A. Siddiqui
- (d) Swarnalatha Cherukutty
- (e) Nitin Nohria
- (f) Deepak Mondal
- (g) Gaurav Singh Saini
- (h) Upendra Limaye

# UPSC Mains Exam General Studies Paper-2-2010

## 1. Answer the following in not more than 250 words each: $20 \times 2 = 40$

- (a) Critically examine the implications of the disintegration of the Soviet Union on India's security and strategic perspectives. What further responses would you suggest in India's foreign policy to accommodate these implications?
- (b) Evaluate India's approach towards meeting the country's growing energy demands. Compare the success of this Approach with that of another Asian giant which has perhaps the fastest growing energy demands.
- 2. Answer any FOUR of the following in not more than  $150 \text{ words each} : 12 \times 4 = 48$

- (a) How far have Japan's principles of Hikaku San Gensoku impacted bilateral ties with India?
- (b) Assess the contributions of Indian Diaspora in the Caribbean.
- (c) Do you agree with the view that Israel is a 'natural ally'; of India?
- (d) Bring out the FDI and employment implications of China being a manufacturing hub and India a services hub?
- (e) Have the Uruguay Round negotiations and the resultant Trade Related Intellectual Property Rights (TRIPS) agreement helped in resolving trade conflicts arising out of variations in different nations' IPR regimes? Also list the steps taken by India to conform to TRIPS.
- (f) Examine the recent developments towards the solution of the Bangladesh- Myanmar maritime boundary dispute. What implications do these have for India?
- 3. Answer any EIGHT of the following in not more than  $50 \text{ words each} : 5 \times 8 = 40$
- (a) Compare and contrast the role of the IMF with that of the World Bank.
- (b) What are the major capacity-building and reconstruction projects being undertaken by India in Afghanistan?
- (c) Bring out the significance of GDI and GEMas components of the UN's Human Development Report (HDR). Comment on India's relative rankings with regard to HDI and GDI.
- (d) What is 'Round Tripping' in the context of FDI inflow, and why has it been in the news recently in the case of India?
- (e) Comment on the reason for the recent hike in visa processing fees for certain categories of US visas. What is the likely impact of this hike on India?
- (f) In the context of the United Nations Framework Convention on Climate Change (UNFCCC), distinguish between 'Annex I' and 'Annex II' countries.





- (g) Highlight the role of the Indian peacekeeping contingent as part of MONUSCO.
- (h) List the salient features of the Riyadh declaration and the bilateral agreements between India and Saudi Arabia signed earlier this year.
- (i) Comment on the reasons for the recent economic crisis in the so-called 'PIGS' countries of Europe.

### 4. Answer any TWO of the following in not more than 150 words each: $12 \times 2 = 24$

- (a) Examine the opportunities for a lasting West Asia peace solution in the context of the 'historic' talks started in September 2010.
- (b) Has the February agreement between the Sudanese government and the Justice and Equality Movement (JEM) been more successful in ending the strife in Darfur than the Abuja peace agreement of 2006 "? Evaluate.
- (c) Comment on the present status of the Biological Weapons Convention (BWC). What important issues, do you think, need to be taken up at the seventh review conference of the BWC scheduled for 2011?

#### 5. Answer any FOUR of the following in not more than 150 words each: $12 \times 4 = 48$

- (a) Bring out the applications of computer models in studying climate changes, with special reference to the Community Earth System Model (CESM).
- (b) What is phytoremediation? Discuss its applications.
- (c) Explain and differentiate among 'Plasma', 'LCD' and 'LED' television technologies.
- (d) What is 'cloud computing'? Bring out its essential features and list its advantages and limitations.
- (e) Discuss the applications of nanotechnology in the health care sector.

### 6. Comment on any THREE of the following in not more than 50 words each: $5 \times 3 = 15$

- (a) Rotterdam Convention
- (b) The Mavi Marmara incident
- (c) Significance of the Kampala declaration of the International Criminal Court (ICC)

- (d) Trial chamber of the Extraordinary Chambers in the Courts of Cambodia (ECCC) and its recent verdict.
- 7. Comment on any SIX of the following in not more than 50 words each:  $5 \times 6 = 30$
- (a) MRSA infection
- (b) HRP-2M Choromet
- (c) Maglev vehicles
- (d) Super absorbent polymers (SAP)
- (e) Ginkgo biloba
- (f) CARTOSAT-2B
- (g) Various generations of mobile phone technology
- 8. Who/What are the following and why have they been in the news recently? (Your answers should be in a sentence or two only): 3 × 8 = 24
- (a) Craig Venter
- (b) Shahran Amid
- (c) Wolfram Alpha
- (d) 'Dreamliner' aircraft
- (e) Blue gene project
- (f) 'Predator' drones
- (g) 'Deepwater Horizon' incident
- (h) ACTN3 gene
- 9. (a) The distribution of rent of 150 residential houses surveyed in a locality is as follows

Rent in Rs.	Number of Houses
101-150	10
151-200	18
201-250	27
251-300	35
301-350	30
351-400	16
401-450	8
451-500	6

Find: (i) The percentage of houses having rent higher than '300.

(ii) The percentage of houses having rent more than 1 250 but less than Z 401.



(b) Workout the trend values by any suitable method from the following data showing the number of murders (in thousand) in a country for the years 1985-1995.

 Year
 1985
 1986
 1987
 1988
 1989
 1990

 Murders
 19.0
 20.6
 20.1
 20.7
 21.5
 24.7

 Year
 1991
 1992
 1993
 1994
 1995

 Murders
 24.7
 23.8
 24.5
 23.3
 21.6

(c) The data on the total investment on different heads under the eighth five year plan are shown below:

19.4%		Services
1.4%	(1111111	Science, Technology & Environment
18.6%		Transport & Communications
10.6%		Industry & Minerals
26.2%		Energy
5.5%		Irrigation & Flood Control
1,0%		Special Programme
7.7%		Rural Development
7.4%	XXXX	Agriculture & Allied Services

If the total proposed outlay on different heads is rs. 4,34,100 crores at 1991-92 prices, obtain separately the proposed outlay on each of the heads and make an overall comment. 4

(d) Represent the following data through a suitable diagram:

Region	'A' 'B' 'C	' 'D'
<b>Married Criminals</b>	95 80 63	32
Unmarried Criminals	72 25 41	26

## 10. (a) Data on flight arrivals from several cities for two airlines are shown below for the last six months. 5

Table : Citywise "ontime and delayed flights" for airlines A and B

	Airline A		Airline E	Airline B	
	Ontime	Delayed	Ontime	Delayed	
City I	497	62	694	117	
City II	221	12		4840	415
City III		212 20	383 65	5	

City IV	503	102	320	129
City V	1841	305	201	61

It is known that City II was mostly sunny And City was mostly foggy during the six month period of data collection. Compare the performance of the two airlines A and B over the cities, in terms of percentage of delayed flights. What is your conclusion when the data on all the cities are combined.

- (b) The arithmetic mean of two observations is 127.5 and their geometric mean is 60. Find (i) the two observations and (ii) their harmonic—mean. 3
- (c) The following table shows the number of bushels of wheat and corn produced in a farm during the years 1950-1960. Express the yearly number of bushels of wheat and corn as percentages of total annual production. Graph the percentages by suitable bar charts and comment. 4

Year	No. of bushels		No. of bushels	
	of wheat		of corn	
1950	200		75	
1951	185		90	
1952		225		100
1953		250		85
1954		240		80
1955		195		100
1956		210		110
1957		225		105
1958		250		95
1959		230		110
1960		235		100

(d) Following are the maximum daily temperature (°C) recorded in a week in a particular city: 38, 40, 36, 35, 30, 32, 34

During that week the average maximum daily temperature in another city was 92°F Determine which city on the average, has higher maximum daily temperature during that week.



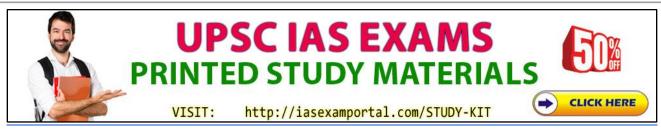
#### Essay(Compulsory) - 2010

Examiners Will pay special attention to the candidate's grasp of his material, its relevance to the subject chosen, and to his ability to think constructively and to present his ideas concisely, logically and effectively.

Write an essay on any ONE of the following topics: 200

1. Geography may remain the same; history need not.

- 2. Should a moratorium be imposed on all fresh mining in tribal areas of the country?
- 3. Preparedness of our society for India's global leadership role.
- 4. From traditional Indian philanthropy to the Gates-Buffett model - a natural progression or a paradigm shift. 2







# UPSC MAINS Papers

## UPSC Mains Exam General Studies Paper-1-2009

- 1. Critically analyse any two of the following statements with reference to the contexts in which they were made (in about 150 words each):  $15 \times 2 = 30$
- (a) "Many Englishmen honestly consider themselves the trustees for India and yet To what a condition they have reduced our country."
- (b) "The foreign power will be withdrawn but for me real freedom will come only when we free ourselves of the dominance of western education, western culture and the western way of living which have been ingrained in us."
- (c) "Satan cannot enter till he finds a flaw, ....A great ocean separates us educated few from the millions in our country."
- 2. Write about the following (not exceeding 20 words each):  $2 \times 10 = 20$
- (a) KiangNongbah (b) Maski
- (c) Govind Guru
- (d) 'Brahmadeya'
- (e) 'Egmore Faction'

- (f) Haileybury College
- (g) Ijara System
- (h) Taji Mideren
- (i) Gurudwara Reform Movement
- (j) 'Marumakkathayam'

### 3. Answer any four of the following (in about 150 words each): $15 \times 4 = 60$

- (a) Assess the significance of coastal regions in the economic development in India.
- (b) Discuss the wetlands and their role in ecological conservation in India.
- (c) Elaborate the steps taken by the Government for regionally differentiated approach to increase crop production and diversification in the country.
- (d) Bring out the significance of the various activities of the Indian Meteorological Department.
- (e) Examine the status of urbanization among the states in India and bring out spatial inequalities.

### 4. Write about the following (not exceeding 30 words each): $3 \times 10 = 30$

- (a) 'bhuvan' website
- (b) National Waterways
- (c) Ultra Mega Power Projects





- (d) NNRMS
- (e) BSUP Scheme
- (f) GAGAN Project
- (g) Fruit Production in India
- (h) Section 377 of IPC
- (i) 'Whereabouts' clause of WADA
- (j) Barren Island

### 5. Answer any two of the following (in about 100 words each): $10 \times 2 = 20$

- (a) Analyse India's achievement in the sports sector during 2008-09.
- (b) List the salient features of the important folk dances of either Central India or North Eastern India.
- (c) What are the important similarities and differences ' between the Hindustani and the Carnatic styles of classical music?

### 6. Answer any two of the following (in about 150 words each): $15 \times 2 = 30$

- (a) What are your views on the features and impact of the Domestic Violence Act, 2005?
- (b) Are the traditional determinants of voting behaviour in India changing? Examine in the context of the last General Elections.
- (c) Examine corruption as a serious development challenge in Indian Polity.

### 7. Answer any two of the following (in about 150 words): $15 \times 2 = 30$

- (a) Mushrooming of Higher Educational Institutions As a matter of grave concern for Yashpal Committee. With reference to the relevant portion of that report give your views how to harmonise private investment and quality of education.
- (b) In the changing context of governance in the country, what should be the role of the UPSC?
- (c) In the context of recent incidents, suggest measures on how security of passengers and property can be improved over Indian Railways.

### 8. Answer any one of the following (in about 250 words): 30

- (a) Comment on the salient features of the Integrated Energy Policy recently approved by the Government and its implications on the energy security needs of the country.
- (b) How far has the impact of the global meltdown been reflected in the Economic Survey 2008 09 ? Identify some of the core areas given priority to neutralise the adverse effects of the global downturn.

### 9. Answer any two of the following (in about 150 words each): $15 \times 2 = 30$

- (a) Trace the significant steps in the evolution of Television in the country.
- (b) The last National Family Health Survey (NFHS) displayed a very dismal picture of nutrition as regards several indicators for average Indians. Highlight the salient aspects of this problem.
- (c) 'As we live in a plural society we need the greatest freedom to express our opinions even if others find it offensive' Do you agree? Discuss with reference to some recent incidents in the Indian context.

### 10. Write on the following (in about 200 words each): 2 × 10 = 20

- (a) Significance of 26th November in the country's polity
- (b) Desert National Park
- (c) Rajiv Gandhi Seva Kendra
- (d) Deep Joshi's recent achievement
- (e) Girni Kamgar Union
- (f) Ayush-64
- (g) Rashtriya Gramin Vikas Nidhi (RGVN)
- (h) Satya Vrat Shastri recent achievement
- (i) Pocket Veto
- (i) PESA, 1996





## **UPSC Mains Exam General Studies Paper-2-2009**

### 1. Write notes on any three of the following in about 150 words each: $3 \times 15 = 45$

- (a) India's strategic interests in South Asia
- (b) China's 'peaceful rise' doctrine
- (c) India Russia Defence Ties
- (d) India's 'soft' and 'hard' power strategy in Foreign Policy.

### 2. Write brief notes on any four of the following in about 50 words each :

#### $4 \times 5 = 20$

- (a) Nuclear Supply Group (NSG) and India
- (b) Your views on the recent 'Gilgit Baltistan Empowerment and Self-Governance Order 2009'
- (c) Wakhan Corridor
- (d) Nuclear Submarine 'Arihant'
- (e) National Security Advisory Board (NSAB).

### 3. Comment on any two of the following in about 100 words each: $2 \times 10 = 20$

- (a) India USA as strategic partners
- (b) Ethnic conflicts in South Asia
- (c) 'NEPAD' and its objectives.

### 4. Write on any Two of the following in about 50 words each: $2 \times 5 = 10$

- (a) Indo Bhutan trade relations
- (b) Sino Myanmar relations
- (c) Geopolitics and Geostrategy.

### 5. Comment critically on any ONE of the following statements in not more than 200 words: 20

- (a) "Foreign investment is far from being critical to India's economic growth."
- (b) "The lesson of the current global financial crisis is that India should halt and may be even reverse financial liberalisation."

### 6. Answer any One of the following in about 200 words : 20

(a) "In the WTO negotiations over the years of the DOHA Round, India appears to be diluting its stand on

- agriculture issues to pursue perceived gains in services." Critically examine this statement.
- (b) Discuss the Indo-US knowledge initiative in Agriculture.

### 7. Answer any Two of the following (Each answer must not exceed 150 words) $:2 \times 15 = 30$

- (a) Evaluate the prospects for greater economic cooperation between India and China.
- (b) Does India need the World Bank?
- (c) Critically assess the recent Free Trade Agreement entered into by India with ASEAN.

### 8. Answer any Three of the following (in about 150 words each): $3 \times 15 = 45$

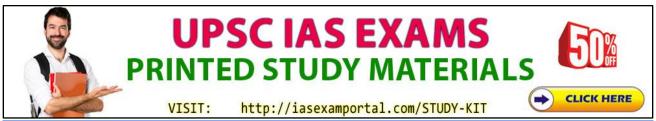
- (a) What do you understand by 'Biosignatures'? Discuss briefly.
- (b) Write about Green Fluorescence Protein (GFP) and its applications.
- (c) Define 'Bioinformatics: How does it work? What are its major branches and applications?.
- (d) What is the 'Hubble Space Telescope'? How many Servicing Missions (SMs) have been conducted for it?

### 9. Explain any Four of the following (in about 100 words each): $4 \times 10 = 40$

- (a) DNA Finger Printing and its utility.
- (b) What is 'Nanotech'? Give a brief account of its basic concepts, materials used and applications.
- (c) What is "Graphene"? Mention at least three of its applications.
- (d) Define 'optical frequency comb'. Suggest at least three applications.
- (e) Why is tele-medicine important for country like India?
- 10. Write brief notes on any Five of the following (in about 30 words each):

#### $5 \times 3 = 15$

- (a) Artificial Sun
- (b) 'Vegetable Gold'
- (c) PFCs and 'liquid breathing'
- (d) The 'P-8A Poseidon'
- (e) Biometric ATMs
- (f) ExtraVehicular Activity (EVA)





# 11. (a) The total areas of cultivation of high, medium and low sugar-content sugarcanes in four regions of a state are given below:

Sugar Content		Region			
	North	South	East	West	
High	100	100	200	50	
Mediu	m 300	300	400	250	
Low	800	400	1000	700	
Total	1200	800	1600	1000	

Draw suitable diagram that facilitates the comparison of areas of cultivation of different sugar-content varieties among the four regions.

(b) The following table gives the production of soda ash (in tons) by three companies (A, B and C) over seven years period

#### Company 1996 1997 1998 1999 2000 2001 2002

Α	20	25	28	31	34	36	41
В	15	18	23	35	40	46	50
С	45	43	40	37	30	26	20

Draw a suitable diagram so as to compare the performance of these companies.

(c) The following data relate to the sales and net profit (in Rupees Crores) of a company:

#### Years 1994-95 1995-96 1996-97 1997-98 1998-99

Sales 100	250	300	290	680
Net Profit 2.	5 4.5	6	8.5	12

(i) In which year the percentage of

growth in sales, relative to the previous year is higher?

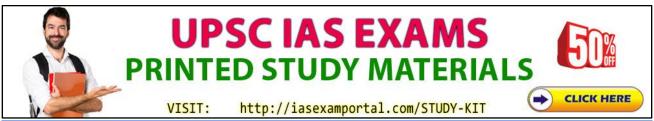
- (ii) In which year the percentage of growth in net profit, relative to the previous year, is higher?
- (iii) Let the profitability be defined as the ratio of Net Profit to Sales. In which year the profitability is higher? 4

(d) The total sales (in '000 rupees) of a particular item in a shop, on 10 consecutive days, is reported by a clerk as follows:

35.00, 29.60, 38.00, 30.00, 40.00, 41.00, 42.00, 45.00, 3.60, 3.80 Later, it was found that reports of the 4th and 8th days were 10.00 more than the true values and that in the last two days the clerk put a decimal wrongly one place to the left (for example, 3.60 was really 36.0). Calculate the true mean value of sale. 5

- **12.** (a) In a factory, 1500 women are working. Eight hundred of them come from rural areas and 450 of the married women are skilled labourers. The number of skilled, rural and married labourers is 300. Of the 400 unmarried and skilled women labourers, 250 are from urban area. The number of married, semi-skilled women labourers from urban areas is 200. One hundred married rural women are semi skilled labourers. Tabulate the above information. 4
- (b) The mean score of a class in an examination is 70. If the mean score of boys is 60 and that of girls is 75, obtain the percentage of girls in the class. 4
- (c) In a city 20% people read newspaper A, 25% people read B and 10% read both A and B. What is the percentage of people who read at least one of the two newspapers? 2
- (d) In order to study the effect of inoculation on TB, it was found that the number of inoculated and unaffected from TB is 28, and not inoculated and affected from TB is 13. If inoculation was performed over 40 persons out of 60 persons, complete the table and obtain the missing numbers. 2
- (e) The percentage of literates in six villages of an area are noted as follows: 52, 46, 21, 30, 17, 24.

Can you compute the percentage of literates in the entire area from this information? If yes, compute the percentage. If no, state what additional information you would need for the computation.





#### ESSAY(COMPULSORY) - 2009

#### Write an essay on any one of the following topics: 200

- 1. Are our traditional handicrafts doomed to a slow death?
- 2. Are we a 'soft' state?
- 3. "The focus of health care is increasingly getting skewed towards the 'haves' of our society."
- 4. "Good fences make good neighbours."
- 5. 'Globalism' vs. 'Nationalism.







# UPSC MAINS Papers

#### **UPSC Mains Exam General Studies Paper-1-2008**

- 1. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) "The emergence of new social classes in British India was the direct consequence of the establishment of new social economy, new state system, administrative machinery and Western education." Discuss.
- (b) "British vision of India had no single coherent set of ideas. On the contrary, the ideas were shot through with contradictions and inconsistencies." Discuss.
- (c) "Non-Cooperation Movement gave new direction and energy to the National Movement." Explain.
- 2. Write about the following (not exceeding 20 words each):  $2 \times 15 = 30$
- (a) Lakshmibai, Rani of Jhansi
- (b) Ilbert Bill
- (c) Lala Har Dayal
- (d) Vaikom Satyagraha
- (e) Indian States Commission
- (f) Bodhisattva
- (g) Megasthenes
- (h) Brihadeshwara Temple, Tanjore
- (i) Perini Shivatandavam
- (j) Allasani Peddana
- (k) Golkonda Fort

- (I) Chishti Silsila
- (m) Chauth and Sardeshmukhi
- (n) Poona Sarvajanik Sabha
- (o) 'Rama Sethu'
- 3. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) The winter rains in North India are largely related to Jet Streams and Western Disturbances. Bring out the relationship.
- (b) Agricultural Productivity in India remain low. Explain the reasons for this situation.
- (c) Bring out the pros and cons of Special Economic Zones.
- 4. Write about the following (not exceeding 20 words each):  $2 \times 5 = 10$
- (a) Buckingham Canal
- (b) Terai Region
- (c) Organic Farming
- (d) Demographic Dividend
- (e) Nor westers
- 5. Answer any one of the following (in about 250 words): 30
- (a) What is meant by 'Judicial Activism'? Evaluate its role in the context of the functioning of Indian polity.





- (b) Discuss the major extra-constitutional factors influencing the federal polity in India.
- 6. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) Enumerate the Fundamental Duties incorporated in the Constitution after the 42nd Amendment.
- (b) Examine the demand for greater state autonomy and its impact on the smooth functioning of Indian polity.
- (c) Discuss the composition and functions of the Union Public Service Commission.
- 7. Answer the following (in about 20 words each):  $2 \times 5$  = 10
- (a) What is a Censure Motion?
- (b) Distinguish between the auditing and accounting functions of the CAG of India.
- (c) Distinguish between a starred question and an unstarred one asked in the Parliament.
- (d) What is contempt of Parliament?
- (e) What were the two major considerations to have the Governor appointed and not elected?
- 8. Answer any one of the following (in about 250 words): 30
- (a) What, in your opinion, are the causes of terrorism? Suggest suitable measures to deal with the threat of terrorism in India.
- (b) Do you think there is a need for a review of the Indian Constitution? Justify your view.
- 9. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) Examine the role of caste in Indian politics.
- (b) Discuss the problems in achieving National Integration in India.
- (c) Examine the impact of Regional Political Parties in Indian politics.
- 10. Answer any one of the following (in about 250 words): 30
- (a) "Globalization has brought about a distinct class divide in India instead of ushering in a classless society." Critically examine this argument.

- (b) "The conditions of the urban poor are more deplorable than that of their rural counterparts." Give your views.
- 11. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) Examine whether rural women in India have been empowered by their active participation in Panchayat Raj System.
- (b) "Decline in the sex ratio in India is an alarming sign for India's future social development." Discuss.
- (c) What should be the role of the media to project mass realty' in place of 'illusion of reality'?
- 12. Write about the following (in about 20 words each) :  $2 \times 5 = 10$
- (a) MTP Act
- (b) Supreme Court on Ragging
- (c) New Seven Wonders of the World
- (d) M. M. Punchhi Commission
- (e) Lakshmi Mittal

# UPSC Mains Exam General Studies Paper-2-2008

- 1. Write notes on any two of the following (answer to each question should be in about 150 words):  $2 \times 30 = 60$
- (a) India and the New World Order
- (b) Indo-Bhutan Relations
- (c) India and China: Strategy to Boost Ties
- 2. Write about the following (answer to each question should be in about 20 words):  $5 \times 2 = 10$
- (a) India's Ocean Development Policy
- (b) Major hurdles in Indo-Pak ties
- (c) India-Nigeria: Abuja Declaration
- (d) India-Bangladesh Border Road cum fencing
- (e) India's L.C.A. (Tejas)
- 3. Write about the following (answer to each question should be in about 20 words) :  $5 \times 2 = 10$
- (a) Pravasi Bharatiya Diwas





- (b) Council for Promotion of Overseas Employment (CPOE)
- (c) Overseas Citizenship of India (OCI) Scheme
- (d) Indian Diaspora in Singapore
- (e) Indian Diaspora and Bollywood
- 4. Answer any one of the following (in about 250 words): 30
- (a) Discuss India's stand on agricultural issues In WTO's Ministerial Conferences since Doha Round.
- (b) Assess the performance of India in attracting Foreign Direct Investment (FDI).
- 5. Discuss any two of the following topics (answer each question in about 150 words):  $2 \times 15 = 30$
- (a) Assistance to the States for Development of Export Infrastructure and other Activities (ASIDE).
- (b) Convertibility of Indian Rupee.
- (c) India on Global Competitiveness Index-2007.
- 6. Write about the following (answer to each question in about 200 words):  $5 \times 2 = 10$
- (a) Special, Drawing Rights (SDRs)
- (b) NAMA
- (c) Non-tariff trade barriers
- (d) Current Account Balance
- (e) Free Trade Area
- 7. Write on any one of the following (answer in about 150 words): 15
- (a) South-South Cooperation
- (b) Universal Declaration of Human Rights
- 8. Briefly write about the following (answer to each question should be in about 20 words): $5 \times 2 = 10$
- (a) Look East Policy and North-East India
- (b) India at the Beijing Olympics
- (c) India's role in Afghanistan Today
- (d) IPCC Report on Global Warming
- (e) Indo-EU Economic Ties
- 9. Briefly write about the following (answer to each question should be in. about 20 words):  $5 \times 2 = 10$
- (a) G.C.C.
- (b) G-77
- (c) I.C.R.C.

- (d) MERCOSUR
- (e) INTERPOL
- 10. Answer any one of the following (in about 250 words): 30
- (a) In What Way 'Medical Biotechnology' and 'Bioengineering' are useful for technological development of India?
- (b) What do you know about Indian National Satellite Systems? Describe its important features.
- 11. Explain any three of the following (in about 150 words each):  $3 \times 15 = 45$
- (a) Internet Protocol Television (IPTV)
- (b) Spintronics
- (c) Wifi
- (d) Components of Robots
- 12. Write brief notes on all the five (in about 20 words each) below:  $5 \times 2 = 10$
- (a) Copyright and Trade-mark
- (b) TIFAC
- (c) Aspartame
- (d) Gene doping
- (e) Sappan
- 13. (a) The principal exports of India for the financial year 2001-2002 are given in the following table:

SI.No.	Category	Export	
		(Rs. Cr	ores)
1	Agriculture and		29312
	allied products		
2	Ores and miner	als	4736
3	Manufactured of	goods	161161
4	Fuels and lubri	cants	10411
5	Others		3398
Total			209018

Represent the above date by a suitable diagram and comment on the export performance of the country. 6 (b) Prior to constructing a, damon a river the engineers

performed a series of tests to measure the water flow at the proposed location of the dam. The results of the testing were used to construct the following frequency distribution.





Water flow	Frequency	
(Thousands of gallons		
per minute)		
1001 - 1050	7	
1051 - 1100	21	
1101 - 1150	32	
1151 - 1200	49	
1201 - 1250	58	
1251 - 1300	41	
1301 - 1350	27	
1351 - 1400	11	

Construct an appropriate diagram to estimate what proportion of the flow occurs at less than 1300 thousands of gallons per minute. Give the estimate. 6

**14.** (a) A company files its sales vouchers according to their sales value so that they falls in four strata. Two hundred, vouchers are received on a business day. The information is listed in the following table:

Stratum	Number of	Mea	n
	vouchers	value	(Rs.)
Above Rs. 10	00 50	1800	
Rs. 800 but u	ınder Rs. 1000	60	890
Rs. 400 but u	ınder Rs. 800	50	560
Less than Rs	. 400	40	180

Calculate the mean value and the total value of the vouchers received by the company on the day in question. Use the histogram to estimate the modal value of the vouchers. 6

(b) A trip to a destination is made in the following way: 900 kms by train at an average speed of 60 kms/hr 3000 kms by plane at an average speed of 500 kms/hr 400 kms by boat at an average speed of 25 kms/hr 15 kms

by taxi at an average speed of 45 kms/hr What is the average speed for the entire journey? 6

**15.** (a) A hotel owner has nine refreshment stalls located at various points in a large compound. He wants to make one of the stalls as a supply place such that amount of travel between the stalls and the source of supply is minimized. He has to visit all stalls almost equal number of times with a view to supplying the refreshment stuff

everyday. The distances of stalls fromthe first stall are 250, 500, 650, 800, 850, 910, 940 and 1000 yards respectively. Which stall should he choose to use as the supply place? Give reason in favour of your answer. 2

(b) In a statistical investigation of 1003 families of a city, it was found that 63 families had neither a radio nor a TV, 794 families had a radio and 187 had a TV.

How many families of the city selected in the sample had both ?2

(c) The mean monthly income of a person is Rs. 18190/and his mean monthly expenditure comes out to be Rs. 17930. What is his average monthly saving? 2

#### Essay (Compulsory) – 2008

Write an essay on any one of the following topics: 200

- 1. Role of the Media in good governance
- 2. National identity and patriotism
- 3. Special Economic Zones: Boon or Bane
- 4. Discipline Means success, anarchy means ruin
- 5. Urbanisation and its hazards
- 6. Is an egalitarian society possible by educating the masses?







# UPSC MAINS Papers

#### **UPSC Mains Exam General Studies Paper-1-2007**

- 1. Answer anyone of the following questions (in about 250 words): 30
- (a) What was the character of socio-religious reforms in the 19th Century and how did they contribute to the national awakening in India?
- (b) The crisis of the colonial order during 1919 and 1939 was directly linked to the constitutional reforms, disillusionment and militant anti-colonial struggles. Elucidate.
- 2. Answer any two of the following questions (in about 150 words each):  $15 \times 2 = 30$
- (a) What are the salient features of the Government of India Acts of 1858 and 1909?
- (b) Do you think Mahatma Gandhi's support to Khilafat Movement had diluted his secular credentials? Give your argument based on the assessment of events.
- (c) Evaluate the contribution of revolutionary terrorism represented by Bhagat Singh to the cause of India's struggle for independence.
- 3. Write about the following (not exceeding 20 words each):
- (a) Age of Sangam Literature
- (b) Bhakti
- (c) Ashtadhyayi of Panini

- (d) Charvakas
- (e) Ajivikas
- (f) Gandhara Art
- (g) Mlechchhas
- (h) Lingayats (i) Megasthenes
- (j) R. C. Dutt
- (k) Nagarjunakonda
- (I) Pastoralism
- (m) Rudramadevi
- (n) Sati
- (o) 'Ramanuja 2 × 15 = 30
- 4. Answer any two of the following questions (in about 125 words each):  $10 \times 2 = 20$
- (a) Explain how the Himalayan and the Tibetan highlands play an important role in the development of the South West monsoon.
- (b) Technological changes have brought in a major shift in the use of roads as transport corridors in India. How far do you agree with this view?
- (c) Explain the nature and causes of growing slum problems in the metropolitan cities of India.





### 5. Write notes on the following (in about 20 words each):

- (a) Special Economic Zone (SEZ)
- (b) Inceptisol
- (c) Jarawas
- (d) Indira Point
- (e) Causes of Chambal Ravines 2 × 5 = 10

### 6. Answer any one of the following questions (in about 250 words): 30

- (a) What is a Constitution? What are the main sources of the Indian Constitution?
- (b) Bring out the differences between the Fundamental Rights and the Directive Principles of State Policy. Discuss some of the measures taken by the Union and State Governments for the implementation of the Directive Principles of State Policy.

### 7. Answer any one of the following questions (in about 250 words): 30

- (a) What is Regionalism? In which way regionalism has affected the Indian polity?
- (b) What are the main determinants of voting behaviour in India?

### 8. Answer any two of the following questions (in about 150 words each): $15 \times 2 = 30$

- (a) What are the exceptions when the President of India is not bound by the aid and advice of the Council of Ministers?
- (b) What is pro tem Speaker?
- (c) Under what circumstances, Parliament may legislate on State subjects?

### 9. Answer the following questions (in about 20 words each): $2 \times 5 = 10$

- (a) What is criminalization of politics?
- (b) How is the President of India elected?
- (c) What is casting vote?
- (d) What is the difference between Council
- of Ministers and Cabinet?
- (e) What is the importance of Right to

Constitutional Remedies?

#### 10. Answer any one of the following questions

#### (in about 250 words): 30

- (a) What were the main recommendations of the Platform for Action (PFA) adopted at the Beijing Women Conference, 1995?
- (b) Discuss the steps to get rid of child labour in India.

### 11. Answer any two of the following questions (in about 125 words each): $10 \times 2 = 20$

- (a) What is stealth technology?
- (b) Differentiate between Natural and Cultural heritage.
- (c) What is value-based politics?

### 12. Write notes on any two of the following (in about 125 words each): $10 \times 2 = 20$

- (a) Integrated Child Development Services (ICDS)
- (b) Prime Minister's 5-point agenda for India's development as a knowledge society
- (c) The Lokpal Bill

### 13. Write short notes on the following (in about 20 words each): $2 \times 5 = 10$

- (a) Yakshagana
- (b) PACE
- (c) Footloose Industries
- (d) The Statue of Liberty
- (e) Genome

# UPSC Mains Exam General Studies Paper-2-2007

#### Paper - II

- 1. Answer any two of the following (answer to each question should be in about 150 words):  $15 \times 2 = 30$
- (a) Indo-Russian Defence Co-operation
- (b) India's response to political crisis in Bangladesh
- (c) Elaborate on India's Nuclear Doctrine.
- 2. Write about the following (answer to each question should be in about 20 words)  $:2 \times 5 = 10$
- (a) SAFTA
- (b) India and East Asia Summit (EAS)
- (c) Shanghai Co-operation Organisation (S.C.O.)
- (d) Panchsheel in India's Foreign Policy
- (e) Relevance of NAM





### 3. Write about the following (answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) Pravasi Bhartiya Bima Yojana, 2006
- (b) Indian All-Women Contingent to Liberia
- (c) Madhes his in Nepal
- (d) Know India Programme (KIP)
- (e) Ministry of Overseas Indian Affairs

### 4. Answer any one of the following (in about 250 words):30

- (a) What is Dumping? Evaluate the remedial measures taken by Government of India vis-a-vis WTO provisions regarding dumping.
- (b) Comment on the relationship between credit availability and agricultural growth in India.

### 5. Answer any two of the following (answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) What is the meaning and aim of Social Forestry? What are the main weaknesses noticed in Social Forestry Programme?
- (b) Bring out the main objectives of Rashtriya Krishi Bima Yojana. The scheme is being implemented by which agency?
- (c) Explain Mega Food Park Scheme of Government, of India.

### 6. Write about the following (answer to each question should in about 20 words): $2 \times 15 = 30$

- (a) Explain the term Merit Goods.
- (b) What is Cheap Money?
- (c) What is Countervailing Duty?
- (d) What is Hot Money?
- (e) Explain the Concept Trickle Down Theory.
- (f) What is Stagflation?
- (g) What is Engel's Law?
- (h) Meaning of CCI L.
- (i) What is Administered Price?
- (j) What is Venture Capital?
- (k) Explain the term Balance on Current Account.
- (I) What is Consolidated Fund?
- (m) What is Budget Deficit?
- (n) Explain the term Most Favoured Nations.

(o) Meaning of Capital-Output Ratio.

### 7. Write about any two of the following (in about 150 words each): $15 \times 2 = 30$

- (a) Impact of globalization on state system and its institutions.
- (b) SAARC Summit 2007.
- (c) TheUN conference on Environment and Development (The Earth Summit)
- 8. Write about the following (in about 20 words each): 2 × 5 = 10
- (a) G-8 Summit 2007
- (b) Hyde Act of 2006
- (c) Global Governance
- (d) Operation Silence
- (e) SAARC Human Rights Report 2006
- 9. Write about the following by expanding and explaining the objectives (in about 20 words each) :  $2 \times 5 = 10$
- (a) ICT4D
- (b) BEMs
- (c) IAEA
- (d) BIMSTEC
- (e) ECJ

### 10. Answer any one of the following in about 250 words: 30

- (a) Explain the phenomenon of ozone depletion, its causes and effects. What effects are needed to reduce it?
- (b) What do you understand by the term 'biodiversity'? Examine the causes and consequences of degeneration of biodiversity.

### 11. Answer any two of the following (answer for each question should be in about 150 words): $15 \times 2 = 30$

- (a) What are the alternative fuels available for the transport sector? Discuss their characteristics, advantages and disadvantages in their utilization.
- (b) Explain the objectives and the current achievements of human genome project.
- (c) Discuss the missile technology initiatives undertaken by India.





### 12. Answer all the five (in about 20 words each): 2 × 5 = 10

- (a) What is firewall?
- (b) What is malware?
- (c) What do the following stand for?
- (i) MPEG (ii) ISP
- (iii) HTML (iv) ASCII
- (d) What is Root kit?
- (e) What is computer architecture?
- **13.** (a) In the year 2000 out of a total 1750 workers of a factory 1200 workers were members of a union. The number of women employed was 200 of which 175 did not belong to the union. In 2005, the number of union workers increased to 1510 of which 1290 were men. On the other hand the number of non union workers fell down to 208 of which 180 were men. 8
- (i) Put the above information in a proper table with title.
- (ii) Calculate the increase in the percentage of the female workers belonging to the union in that five year period.
- (b) The marks obtained by 20 students in a subject are given: 8
- 32, 62, 72, 46, 52, 74, 53, 42, 58, 61, 59, 46, 36, 76, 58, 77, 62, 48, 36, 39

Form a frequency distribution table with class interval 10.Also draw the histogram.

- **14.** (a) For the following distribution of statistics test grades, construct a frequency polygon and answer the following:
- (i) How many test grades are greater than 87?
- (ii) What percentage of test grades are greater than 83?
- (iii) What percentage of test grades are lower than 72?
- (iv) What percentage of test grades are between 72 and 79 (inclusive)?

#### **Test Grades:**

73, 92, 57, 89, 70, 95, 75, 80, 47, 88, 47, 48, 64, 86, 79, 72, 71, 77, 93, 55, 75, 50, 53, 75, 85, 50, 82, 45, 40, 82, 60, 55, 60, 89, 79, 65, 54, 93, 60, 83, 59.

(b) Construct an appropriate diagram to show the following data of a University: 8

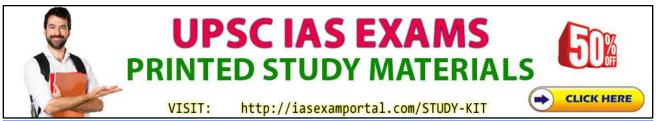
Course	No. of students
Engineering	440
Arts	220
Agriculture	120
Home Science	80
Economic	60
Total	920

- 15.(a) What do you understand by: 2
- (i) Primary and Secondary Data
- (ii) Data classification
- (iii) Measures of central tendency
- (iv) Characteristics of good average
- (b) The mean wage of 100 labourers working in a factory running two shifts of 60 and 40 workers respectively is Rs. 38. The meanwage of 60 labourers working in the morning shift is Rs. 40. Find the mean wage of 40 labourers working in the evening shift. 2
- (c) The mean age of a group of 5 boys is 16 years. Another boy joins the group and then the mean age of the group becomes 18 years. How old is the newcomer?
- (d) Arithmetic means of two completely different sets of values may be the same. When extreme values are taken into consideration, the arithmetic mean is largely affected. Is it merit or demerit of arithmetic mean and give reasons for your statement.

#### ESSAY (COMPULSORY) - 2007

#### Write an essay on any one of the following topics

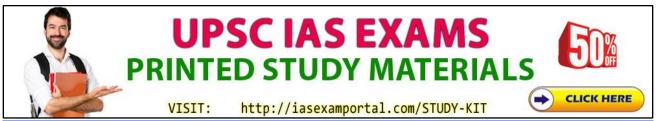
- 1. Independent thinking should be encouraged right from the childhood.
- 2. Evaluation of Panchayati Raj Systems in India from the point of view of eradication of poverty to power to people.
- 3. Attitude makes habit, habit makes character and character makes a man.
- 4. Is autonomy the best answer to combat balkanization?



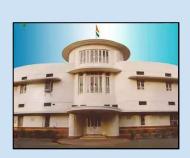


5. How has satellite television brought about cultural change in the Indian mindset?

6. BPO boom in India.







# UPSC MAINS Papers

#### **UPSC Mains Exam General Studies Paper-1-2006**

- 1. Answer any one of the following (in about 250 words): 30
- (a) Regardless of distance in time, there were lots of similarities between Lord Curzon and Jawaharlal Nehru. Discuss.
- (b) How did the Government of India Act, 1935 mark a point of no return in the history of constitutional development in India?
- 2. Answer any two of the following (in about 150 words):  $2 \times 15 = 30$
- (a) What was the attitude of Indian Industrialists towards the Indian National Congress in the pre-independent era?
- (b) Critically assess Sir Tej Bahadur Sapru's views on Indian Nationalism.
- (c) Characterise the main features of Indian Renaissance.
- 3. Write about the following (not exceeding 200 words each):  $15 \times 2 = 30$
- (a) Kalhana
- (b) Panini
- (c) Yakshagana
- (d) Natyasastra

- (e) Tabaqat-i-Nasiri
- (f) MadhuraVijayam
- (g) Pandurang Mahatmya
- (h) Prithviraj Raso
- (i) "The Insider"
- (i) Ali Sardar Jafri
- (k) Aruna Roy
- (I) Dr. J.C. Daniel
- (m) Balwant Gargi
- (n) Dr. Jayant Narlikar
- (o) Shashi Tharoor
- 4. Answer any two of the following (in about 125words):  $2 \times 10 = 20$
- (a) Bring out the prospects of development of alternative energy sources of India.
- (b) Blue Revolution has definite advantages in India but it is not free from environmental impacts. Discuss.
- (c) Why do the rivers of west coast not form a delta?
- 5. Write notes on the following (in about 20 words each):  $5 \times 2 = 10$
- (a) Mixed economy
- (b) Winter rains in India
- (c) NewMoore Island





- (d) NationalWater Grid
- (e) Hussain Sagar
- 6. Answer anyone of the following (in about 250 words): 30
- (a) What is right to life and personal liberty? How have the courts expanded its meaning in recent years?
- (b) On what grounds can a member be disqualified from either House of Parliament?
- 7. Answer any one of the following questions (in about 250 words):
- (a) What is the 'strategic partnership' between India and United States of America? What are its implications for both the partners?
- (b) Discuss economic backwardness as a major challenge of Indian democracy. Can democracy and development go together smoothly?
- 8. Answer any two of the following questions (in about 150 words):  $2 \times 15 = 30$
- (a) How would you differentiate between the passage of a Constitution Amendment Bill and of an Ordinary Legislative Bill?
- (b) How does the Inter-State Council establish coordination between States?
- (c) Is the High Courts' power to issue 'writs' wider than that of the Supreme Court of India?
- 9. Answer the following questions (in about 20 words each):  $5 \times 2 = 10$
- (a) Explain the following terms:
- (i) Dissolution of the House
- (ii) Prorogation of the House
- (iii) Adjournment of the business of the House
- (b) What is Consolidated Fund of India?
- (c) To what extent can the President
- With hold his assent to a Bill already passed by the Parliament?
- (d) What is India's 'Look East' Policy?
- (e) What is meant by empowerment of women' in India?
- 10. Answer any one of the following questions (in about 250 words): 30

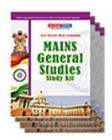
- (a) What are the social and economic consequences of abolishing child labour in India?
- (b) Explain the implications of the implementation of Intellectual Property Clauses in our patent law regime after joining the WTO.
- 11. Answer any two of the following questions (in about 125 words each):  $2 \times 10 = 20$
- (a) Explain full convertibility of Indian Rupee.
- (b) What are the linkages to be developed under the Knowledge Revolution for Rural India Plan?
- (c) What do we understand by 'Doha Round' of talks?
- 12. Answer any two of the following questions (in about 125 words each):  $2 \times 10 = 20$
- (a) Explain the social constraints in bringing about gender equality in Indian society.
- (b) What are the problems related to the rehabilitation of the mentally challenged persons in India?
- (c) Bring out the issues involved in implementing compulsory primary education in India.
- 13. Write about the following (in about 20 words each):
- (a) Business Process Outsourcing
- (b) Female foeticide
- (c) RCI
- (d) UNIDO
- (e) S. Chandrashekhar

# UPSC Mains Exam General Studies Paper-2-2006

- 1. Write about any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) US policy on Iran's nuclear programme
- (b) Terrorism: Sources in Pakistan and Afghanistan
- (c) Crippling the King in Nepal
- 2. Write about the following (in about 20 words each): 2 × 5 = 10
- (a) Simla Agreement
- (b) India-Israel cooperation in the field of agriculture
- (c) Pakistan's role in Sri Lanka



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- (d) Indo-US military cooperation
- (e) Nuclear Non-proliferation Treaty
- 3. Write about the following (in about 20 words each): 2 × 5 = 10
- (a) Contribution of the NRIs to GCC countries
- (b) Future of Indians in Fiji
- (c) Indians in the House of Lords, UK
- (d) Contribution of Indians in Silicon Valley
- (e) Exodus of persons of Indian origin from Uganda
- 4. Answer any one of the following (in about 250 words): 30
- (a) Discuss the importance of World Trade Organisation (WTO) to Indian economy in the light of various opportunities and challenges at the global level.
- (b) Describe the main sources of Industrial finance in India. How could India be benefitted from recent developments in International finance?
- 5. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) Discuss the role of public sector during the post-reform period of Indian economy.
- (b) Examine the effects of globalisation on poverty removal in India.
- (c) What are the implications of gender disparities in India?
- 6. Answer the following (in about 20 words each):  $2 \times 15 = 30$
- (a) What is Phillips curve?
- (b) What is Hundi?
- (c) What is twin deficit?
- (d) What is the main difference between free trade area and common market?
- (e) What is forward currency market?
- (f) What is offshore currency market?
- (g) What is Laffer curve?
- (h) What are Eurobonds?
- (i) What is disguised unemployment?
- (j) What are nifty and the nifty junior?
- (k) What is Agri-Trade?
- (I) What is CEMA bloc?

- (m) What is rolling settlement?
- (n) What is the difference between Green Box subsidies and Blue Box subsidies ?
- (o) What are non-factor services in India's balance of payments?
- 7. Write about any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) G 5 Summit in Russia
- (b) Expanding role of Amnesty International
- (c) Role of European Parliament
- 8. Write about the following (in about 20 words each):  $2 \times 5 = 10$
- (a) Trade through Nathu La Pass
- (b) Outer Space Treaty
- (c) Withdrawal of Japanese Troops from Iraq
- (d) Maastricht Treaty
- (e) Cuba and Castro
- 9. Write about the following, by expanding and explaining the objectives (in about 20 words each) :  $2 \times 5 = 10$
- (a) ICJ
- (b) INTELSAT
- (c) IBRD
- (d) WMO
- (e) WHO
- 10. Answer any one of the following (in about250 words): 30
- (a) Justify with necessary logic "Biological clean-up methods can be cheaper than the conventional physical and chemical pollution treatments".
- (b) Explain how Nanoscience and Nanotechnology have revolutionized modern technology.
- 11. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) What do you understand by optical computing? Why is optical computing envisaged to have much better performance than that of electronic computing?
- (b) Write a note on 'Bio-refinery versus Fossil fuels.



- (c) What are normal osmosis and reverse osmosis? Why has reverse osmosis become popular in India today?
- 12. Answer all the five (in about 20 words each): 2 × 5 = 10
- (a) What do you understand by a 'search engine' in computing?
- (b) Expand the following
- (i) CAD (ii) CAM (iii) CIM
- (c) Explain what is Thin Film Memory in computers.
- (d) Write a short note on 'Artificial Intelligence.
- (e) Who are called 'Hackers' in computer world?
- **13.** (a) In an opinion survey regarding a proposed Civil measure to be introduced, altogether 2878 persons took part of which 1652 were males. 1226 persons voted against the proposal of which 796 were males. 1425 persons voted for the proposed measure. 156 females were undecided in their opinion.
- (i) Put the above information in a neat statistical table. From the table, calculate -
- (ii) the percentage of males among those voting for the proposal;
- (iii) the percentage of those voting for the proposal among the males. 8
- (b) Present the following information using a suitable diagram: 8

State Perce	ntage of L	iterates	(2001 Census)	
	Male	Fema	le Overall	
Kerala	94.20	84.86	90.72	
Maharashtra	86.27	67.51	74.27	
Tamil Nadu	82.33	64.55	79.47	
West Bengal	77.58	60.22	69.22	

- **14.** (a) From the following frequency distribution of 260 housewives of a locality according to their TV-watching habit
- (i) draw the graph of cumulative frequencies of less than type :

Hours per week Number of watching TV housewives

5-9	13
10-14	39
15-19	60
20-24	75
25-29	42
30-34	27
35-39	4
Total	260

Estimate using the above graph

- (ii) the median of the distribution;
- (iii) number of housewives spending at most 18 hours per week watching TV.
- (b) The following table shows the average percentage of family expenditure, as also percentage increase in price in 2005 compared to 2000, for the major heads of expenditure for the urban middle class families in a State in India. Calculate the percentage increase in cost of living for this segment of population in 2005 compared to 2000:

Head of Expenditure	% of family expenditure	% increase in price in 2005 compared to
000		
Food	25	32
Clothing	18	25
Fuel & Electricit	y 16	30
House Rent	15	20
Miscellaneous	26	45
Total	100	_

- 15. Answer all the questions :  $2 \times 4 = 8$
- (a) A union leader complained: that the owners of this factory have adopted a policy of gradually decreasing the wages of its workers is amply evident from the fact that the average monthly wage of the workers has dropped down to Rs. 2,530 in January, 2006 from Rs 2,570 in January, 2005. Comment on the validity of the argument.
- (b) As High as 45% of the under-5 children, brought to the outdoor clinics of 4 major State-run hospitals in Kolkata last year, were found to be victims of malnutrition. Incidence of malnutrition among the under-





5 children in the city must, here fore, be alarmingly high. Explain why you support the argument, or disagree with it

- (c) In a community support project, the average grants (in Rs) received by the male and the female beneficiaries were 5,200 and 5,800 respectively, while the average grant received by all the beneficiaries was 5,560. What percentage of beneficiaries were females?
- (d) The amounts of rainfall (in mm) in a town on 10 consecutive days are as follows: 8.5, 0, 6.8, 3.2, 4.8, 10.5, 76.2, 9.4, 0, 1.2

Use a suitable measure to throw light on the central tendency of the data.

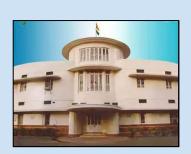
#### ESSAY (Compulsory) - 2006

Write an essay on any one of the following subjects

- 1. Women's Reservation Bill Would Usher in Empowerment for Women in India.
- 2. Protection of Ecology and Environment is Essential for Sustained Economic Development.
- 3. Importance of Indo-U.S. Nuclear Agreement.
- 4. "Education For All" Campaign in India: Myth or Reality.
- 5. Globalization Would Finish Small-Scale Industries in India.
- 6. Increasing Computerization Would lead to the Creation of Dehumanized Society.







# UPSC MAINS Papers

#### **UPSC Mains Exam General Studies Paper-1-2005**

- 1. Answer any one of the following
- (a) What in your opinion were the positive steps taken by the British to modernise India?
- (b) Examine the policy of Subordinate Union towards Princely States. Account for the shift from the policy of Subordinate Isolation.
- 2. Answer any two of the following questions (in about 150 words each):  $15 \times 2 = 30$
- (a) "In the Montagu-Chelmsford Report communal representation and reservations were not only retained but considerably extended." Comment.
- (b) Evaluate Subhas Chandra Bose's contribution to India's freedom.
- (c) Why and how did the Congress come to accept the partition of the country?
- 3. Write about the following (not exceeding 20 words each):  $2 \times 15 = 30$
- (a) Yajnavalkya Smriti
- (b) Sutta Pitaka
- (c) Bhagwati Sutra
- (d) Gangaikonda-Cholapuram

- questions (in about 250 words) : 30
  - (e) Nizamuddin Auliya
  - (f) Raidas
  - (g) Calcutta Madrasa
  - (h) Jagat Seth
  - (i) Bhawani Mandir
  - (j) Baba Ram Chandra
  - (k) Pandita Ramabai
  - (I) Sir Thomas Roe
  - (m) Moplah Rebellion
  - (n) Tavernier
  - (o) Darul-Uloom
  - 4. Answer any two of the following (in about 125 words each):  $10 \times 2 = 20$
  - (a) What are the resource bases available for the economic development of the newly created States of Jharkhand and Uttaranchal?
  - (b) Elucidate the factors contributing to the growing need for water harvesting in India, both rural and urban.
  - (c) "Political boundaries and regional boundaries need to be coterminous.:" Do you agree ?





### 5. Write notes on the following (in about 20 words each): $2 \times 5 = 10$

- (a) Regurs
- (b) Karewas
- (c) Negative impacts of shifting cultivation
- (d) Causes of droughts in India
- (e) Significance of Lake Chilka

### 6. Answer any one of the following (in about 250 words each): 30

- (a) Comment on the financial relations between the Union, and the States in India. Has post-1991 liberalization in any way affected it?
- (b) Is it possible to distinguish between judicial review and judicial activism in India? Does the recent behaviour of the Indian judiciary partake more of judicial activism? Argue with suitable examples.

### 7. Answer any ore of the following (in about 250 words):30

- (a) Would you say that the implementation of the Panchayati System in the last ten years has led to a real restructuring of the Indian polity?
- (b) Give your views on the right to freedom of religion as enshrined in the Indian Constitution. Do they make India a secular State?

### 8. Answer any two of the following (in about 150 words each): $15 \times 2 = 30$

- (a) What are the constitutional limitations on the free movements of Indians throughout the country?
- (b) How has the Indian State tackled the trade-off between environment and development?
- (c) What are the steps that the Election Commission may take if a recalcitrant State Government wants to put off Assembly Elections?

### 9. Answer the following questions (in about 20 words each): $2 \times 5 = 10$

- (a) What is meant by double jeopardy'?
- (b) What are the protections afforded to Scheduled Tribes in the Fifth Schedule of the Indian Constitution?
- (c) In what ways can the President of India ascertain the views of the Supreme Court on a particular bill?

- (d) What is the common point between Articles 14 and 226 of the Indian Constitution?
- (e) Who and what does the Indian Parliament consist of?

### 10. Answer any one of the following questions (in about 250 words): 30

- (a) Discuss the impact of globalization on higher education in India.
- (b) What is disaster management? Discuss the steps required to tackle natural disasters.

### 11. Answer any two of the following questions (in about 125 words each): $10 \times 2 = 20$

- (a) Explain the implications of the recent Supreme Court verdict on reservations in private and minority educational institutions.
- (b) What is the energy independence? Discuss how India can be transformed into an 'Energy-independent Nation'
- (c) What is eco-tourism? How could it be promoted in India?

### 12. Write notes on any two of the following (in about 125 words each): $10 \times 2 = 20$

- (a) Sethusamudram Project
- (b) Causes of soil erosion and its control in India
- (c) Use of Information Technology in health management in India

### 13. Write short notes on the following (in about 20 words each): $2 \times 5 = 10$

- (a) Equal rights for women in parental property
- (b) National knowledge Commission
- (c) Genetically modified seeds
- (d) Ban on bar dancing
- (e) Rehabilitation of street children in India

# UPSC Mains Exam General Studies Paper-2-2005

1. Answer any two of the following (answer to each question should be in about 150 words): 2 x 15 = 30





- (a) Present a complete picture of India's efforts for a permanent seat in the UN Security Council.
- (b) Explain the political and economic implications of the Indo Iran gas pipeline.
- (c) Examine the developments in Afghanistan in the post Taliban period.
- 2. Write about the following (answer to each question should be in about 20 words):  $5 \times 2 = 10$
- (a) Indians in China
- (b) Cyber-terrorism
- (c) Military rule in Myanmar
- (d) Camp David Accord of 1978
- (e) Future of Indian expatriates in the Gulf
- 3. Write about the following (answer to each question should be in about 20 words):  $5 \times 2 = 10$
- (a) Full convertibility
- (b) Physical Quality Life Index
- (c) Differences between absolute poverty andrelative poverty
- (d) India US nuclear pact
- (e) Medical tourism
- 4. Answer any one of the following (in about 250 words): 30
- (a) Discuss the causes and ramifications of hunger in Africa.
- (b) What are the reasons for industrial sickness in India? Suggest suitable remedies.
- 5. Answer any two of the following (answer to each question should be in about 150 words):  $2 \times 15 = 30$
- (a) What is the role of external financial assistance in Indian economy?
- (b) Enumerate the objectives of Latin American Reserve Fund. Do you favour such a fund for Asian countries?
- (c) Examine the functions of the European Free Trade Association.
- 6. Answer or write about the following (in about 20 words each):  $15 \times 2 = 30$
- (a) What is Mekong Ganga Co-operation?
- (b) What is IFC?
- (c) Crude oil price and Indian economy

- (d) What is Gandhian economy?
- (e) Second Green Revolution
- (f) Kasturba Gandhi Balika Vidyalaya Yojana
- (g) What is Euro-control?
- (h) Dow Jones (i) 'Bluetooth'
- (j) MFN status to India by Pakistan
- (k) The notion of development of underdevelopment
- (I) Cost-push inflation
- (m) What is Green GDP?
- (n) What were the terms of reference of the Abid Hussain Committee?
- (o) What is structural unemployment?
- 7. Answer any two of the following (answer to each question should be in about 150 words): 2 × 15 = 30 (a) Detail the salient features of project 'Anthariksha.'
- (b) Will a grand axis of India, China and Russia challenge the unipolar supremacy of the US? Elaborate your views.
- (c) Explain the China US textile war.
- 8. Answer or write about the following (answer to each question should be in about 20 words):  $5 \times 2 = 10$
- (a) What is Gender Empowerment Measure (GEM)?
- (b) What is the concept of copyleft?
- (c) What is -a rogue state?
- (d) Repo market
- (e) What is banana war?
- Answer the following, by expanding or explaining (answer to each question should be in about 20 words):
- (a) OAPEC
- (b) IFAD
- (c) UPU
- (d) SAVE
- (e) ODA
- 10. Answer any one of the following in about 250 words: 30
- (a) Describe the sources of ionizing and nonionizing radiations and their effects on the biotic components of the atmosphere.
- (b) What is digital convergence? Examine its implications for modern society.





- 11. Answer any two of the following (answer to each question should be in about 150 words each):  $2 \times 15 = 30$
- (a) Why do environmentalists regard asbestos and polythene as pollutants?
- (b) What is the therapeutic cloning? Describe briefly the method and its potential applications.
- (c) Why is hydrogen being acclaimed as the fuel of the future?
- 12. Answer the following (in about 20 words each): 5 x 2 = 10
- (a) What is an Exabyte?
- (b) What is VIRUS?
- (c) What do the following stand for?
- (i) XMPL
- (ii) MASER
- (iii) SECAM
- (iv) TIPS
- (d) What is avatar?
- (e) What is Wikipedia?
- **13.(a)** Put the following information into a frequency distribution table, assuming the range of monthly wage is from Rs. 300 to Rs. 4500, and draw a histogram on a high paper: "10%, 30%, 60%, 80% and 90% of a group Of monthly wage earners receive less than Rs. 600, Rs. 1000, Rs. 1800, Rs. 2800 and Rs. 3300 respectively and 5% receive Rs. 3600 and above."
- (b) The marks obtained by 32 students of 12th class of a Government school are:

628, 665, 560, 328, 421, 525, 480, 470,

405, 424, 664, 668, 620, 300, 305, 520,

420, 370, 326, 440, 328, 480, 565, 650,

480, 360, 325, 450, 360, 426, 440, 306

Forma Cumulative Frequency Table with class interval of 50.

**14.** (a) Represent the following data by a histogram:

Daily Earnings (Rs.)	No. of shares
0 – 50	3
50 - 100	7
100 – 150	4

150 – 200	5
200 - 250	4
250 - 300	3
300 - 350	2
350 - 400	2

(b) Construct a cumulative distribution table From the following frequency distribution and find the number of students obtaining below 15 marks:

Marks	Frequency	
0 - 5	4	
5 – 10	12	
10 – 15	10	
15 – 20	8	
20 - 25	3	
25 - 30	2	

- **15.(a)**A train travels first 300 kilometers at an average speed of 30 km ph and further travels the same distance at an average speed of 40 kmph. What is the average speed over the whole distance? 2
- (b) The arithmetic mean of 12 observations was computed to be 6. Afterwards, it was found that one of the figures was wrong. Instead of 7 (seven, which is the correct figure) it was read as 1 (one, the wrong figure). Find the correct value of the arithmetic mean after incorporating this information. 2
- (c) A firm of readymade garments makes Both men's and women's shirts. It average profit is 6% of sales. Its profit in men's shirts average 8% of sales and women's shirts comprise 60% of output. What is the average profit per sales rupee in women's shirts? 2
- (d) The mean and variance of two set of data are given below with the data size:

	Data	Mean	Variance
l	12	64	23
II	9	72	18

What can you say about the mean and variance of the combined set of observations as compared to the individual means and variances without performing any calculation? 2





#### Essay (Compulsory) - 2005

Write an essay on any one of the following subjects:

- 1. Justice Must reach the poor.
- 2. The hand that rocks the cradle.
- 3. If women ruled the world.

- 4. What is real education?
- 5. Terrorism And world peace.
- 6. Food security for sustainable national development.







# UPSC MAINS Papers

#### **UPSC Mains Exam General Studies Paper 1-2004**

- 1. Answer any one of the following (in about 250 words): 30
- (a) Discuss the major regulations enacted by the British rulers to curb the freedom of Press in India.
- (b) Form a critical assessment of the Non- Cooperation Movement.
- 2. Answer any two of the following (in about 150 words each):  $2 \times 15 = 30$
- (a) What led to the partition of Bengal in 1905?
- (b) Write a note on the Theosophical Society.
- (c) Discuss the main findings of the Hartog Committee (1929).
- 3. Write about the following (not exceeding 20 words each):  $15 \times 2 = 30$
- (i) Upanishads
- (ii) Vajrayana
- (iii) Kumar Sambhav
- (iv) Razmnama
- (v) Mirza Haidar
- (vi) Muhammad Barkatullah
- (vii) Sohan Singh Bhakna
- (viii) Alluri Sitaramaraju
- (ix) Conjeevaram Natarajan Annadurai

- (x) Jadong
- (xi) Jadunath Sarkar
- (xii) Nazir Hasan
- (xiii) Subhash Gupte
- (xiv) Acharya Nirmalya
- (xv) Jyotirao Phule
- 4. Answer any two of the following (in about 125 words each):  $2 \times 10 = 20$
- (a) Examine the distribution of oil refineries in India.
- (b) Why are the Aravallis called a divide Between Mewar and Marwar?
- (c) What is Golden Quadrilateral? How will it help in the economic development of the country?
- 5. Write short notes on the following (in about 20 words each):  $5 \times 2 = 10$
- (a) El Nino, La Nina and monsoon rains
- (b) The Sambhar lake
- (c) The Sundarbans
- (d) Bombay High
- (e) Sabarkantha & Banaskantha
- 6. Answer any one of the following (in about 250 words): 30





- (a) What is the significance of a preamble to a constitution? Bring out the philosophy of the Indian polity as enshrined in the Preamble of the Indian Constitution.
- (b) Discuss the meaning of "breakdown of constitutional machinery". What are its effects.
- 7. Answer any one of the following (in about 250 words):30
- (a) Discuss how the Constitution of India provides equal rights.
- (b) How does the Indian Constitution seek to maintain independence of the Public Service Commission?
- 8. Answer any two of the following (in about 150 words each):  $2 \times 15 = 30$
- (a) Define Money-bill. Discuss how it is passed in the Parliament.
- (b) What is a Finance Commission? Discuss the main functions of the State Finance Commission.
- (c) Discuss how state governments can exercise control over panchayats.
- 9. Answer the following (in about 20 words each):  $5 \times 2$  = 10
- (a) What is Habeas Corpus?
- (b) What are the constitutional restrictions imposed upon the power of borrowing of the state governments?
- (c) What is the special facility provided to the linguistic minorities under Article 350 A?
- (d) How can a judge of the Supreme Court be removed?
- (e) Howis the Election Commission of India constituted?
- 10. Write on any one of the following (in about 250 words): 30
- (a) The Inter-State river water dispute has once again assumed centre-stage after the Punjab Assembly Bill terminating all previous accords on river waters. Discuss.
- (b) What is PURA? Discuss its major objectives.
- 11. Write on any two of the following (in about 125 words each):  $2 \times 10 = 20$
- (a) Explain UNDP Report on human development in India.

- (b) What is WTO ? What are India's objections to its overall functioning?
- (c) Discuss the utility of e-governance in the Indian context.
- 12. Write notes on any two of the following (in about 125 words each):  $2 \times 10 = 20$
- (a) Housing for all by 2010 is the goal set by The National Habitat Policy. How far is it achievable?
- (b) "Is greater spending on education linked to higher literacy?" Discuss.
- (c) What is Enterprise Resource Planning
- 13. Write about the following (in about 20 words each):  $5 \times 2 = 10$
- (a) ISRO
- (b) Central Vigilance Commission
- (c) NDDB
- (d) Hiren Mukherjee
- (e) Parichu Lake

## UPSC Mains Exam General Studies Paper-2-2004

- 1. Answer any TWO of the following (Answer to each question should be in about 150 words):  $15 \times 2 = 30$
- (a) Discuss the role played by the United States in promoting/hindering improved relations between India and Pakistan.
- (b) Explain India's strategic relationship with Russia.
- (c) Account for India's increasing involvement in the SouthEast Asian region.
- 2. Answer the following (Answer to each question should be in about 20 words)  $:2 \times 5 = 10$
- (a) The Panchsheel Pact.
- (b) India-Israel Cooperation.
- (c) European Union's trade restrictions against India.
- (d) Weak-spots in India-Nepal relations.
- (e) Hot Line between Islamabad and New Delhi.
- 3. Answer the following (Answer to each question should be in about 20 words):  $2 \times 5 = 10$
- (a) Categorize the People of Indian Origin (PIO).





- (b) Point out the difference between the Jewish Diaspora and the Indian Diaspora.
- (c) What are the references made to the NRI in the Union Budget July 2004?
- (d) What is known as reverse migration?
- (e) Why was January 9 chosen to observe the NRI (Pravasi Bharatiya Diwas) Day?
- 4. Answer any ONE of the following (in about 250 words): 30
- (a) State the comprehensive structural reforms undertaken to improve the Indian economy since 1991.
- (b) How is poverty level measured? Evaluate poverty eradication programmes in India.
- 5. Answer any TWO of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) Describe the recommendations of Narasimham Committee regarding the banking sector in India.
- (b) Examine the effect of economic development on environmental degradation in India.
- (c) What ails India's road transport economy? Suggest measures of remedy.
- 6. Answer the following (in about 20 words each):  $2 \times 15 = 30$
- (a) What are the major provisions of Agreements on Agriculture in the context Of World Trade Organisation?
- (b) Elucidate Special Drawing Rights.
- (c) What is Cash Reserve Ratio?
- (d) What does "priority sector lending" mean?
- (e) What is Minimum Alternative Tax (MAT)?
- (f) What is Business Process Outsourcing (BPO)?
- (g) What is 'social justice' in the context of Indian economy?
- (h) Explain the objectives of Plant Varieties Right Act, 2002.
- (i) How is human development index for life expectancy measured?
- (j) What are the objectives of the Twelfth Finance Commission?
- (k) Explain the necessity and role of controls in a mixed economy like India.

- (I) Distinguish between primary sector, secondary sector and tertiary sector.
- What is the change in the share of each sector in Gross Domestic Product (GDP) during period of 1950-2000?
- (m) What is the main objective of Security and Exchange Board of India (SEBI)?
- (n) What has been the policy of agricultural development during last two decades in India?
- (o) What is deficit financing?
- 7. Answer any TWO of the following (Answer to each question should be in about 150 words):  $15 \times 2 = 30$
- (a) Discuss the role of 'intelligence' in the making of foreign policy.
- (b) Describe the role of the Amnesty International in securing human rights.
- (c) Examine the relevance of Pt. Jawaharlal Nehru's ideas in the international relations of today.
- 8. Answer the following (Answer to each question should be in about 20 words):  $2 \times 5 = 10$
- (a) ICJ verdict on Israel's erection of barrier on the West Bank.
- (b) Beijing Taiwan Spat.
- (c) Prospects of international water-wars.
- (d) Al Gharib Prisoners.
- (e) Recent developments in India-Myanmar relations.
- 9. Answer the following, by expanding and explaining the objectives (Answer to each question should be in about 20 words):  $2 \times 5 = 10$
- (a) BIMSTEC
- (b) ARF
- (c) Red Cross
- (d) OPEC
- (e) IAEA
- 10. Answer any ONE of the following (Answer should be in about 250 words):
- (a) Discuss in detail "Alternative Energy Sources": 30
- (b) "Global Warming"- Discuss. 30
- 11. Answer any TWO of the following (Answer to each question should be in about 150 words):  $15 \times 2 = 30$





- (a) What is Super-conductivity'? Give its uses and applications.
- (b) What is Biotechnology? Discuss the important applications of Biotechnology.
- (c) Describe the importance of "Laser" in war and peace.
- 12. Answer the following (in about 20 words each): 2 × 5 = 10
- (a) What do you understand by E-governance?
- (b) What is a URL?
- (c) What do the following stand for?
- (i) CD-ROM (ii) USB
- (iii) ITES
- (iv) FORTRAN
- (d) What do you understand by MP3?
- (e) What are cyber crimes? How are these protected?
- 13. (a) The table below shows the average monthly house hold expenditure on different items for the years 2001 to 2004:

Item Average monthly expenditure in Rs.

2001 2002 2003 2004

Food 4,500 4,800 5,400 5,700

Rent 1,800 1,800 2,200 2,300

Children's education 650 800 1,000 1,200

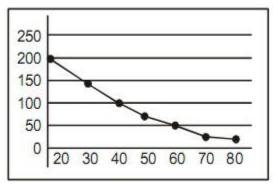
Others 2,400 2,600 3,000 3,400

Represent the above information by suitable diagram. 8

- (b) According to the Union Budget 2004-05, the total receipts of Rs. 4,77,829 crore can be approximately broken up as follows
- A. Direct Taxes 25%
- B. Indirect and other Taxes 32%
- C. Non-tax Revenue Receipts 13%
- D. Non-debt Capital Receipts 6%
- E. Borrowings and other liabilities 24%

Represent the above by a Pie-diagram. 8

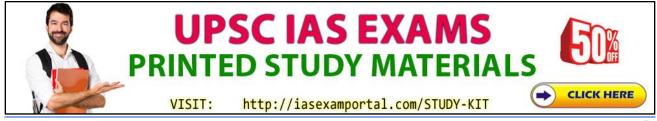
#### 14.(a)Read the given data and answer the questions that follow:



- (i) At what speed (kmph) is the engine considered to have its normal length of life?
- (ii) The life of an engine drivenat 20 kmph is how many time smore than the life of an engine driven at 40 km per
- (iii) If an engine, usually driven at speed of 60 km per hour, had a lifespan of 30,000 kilometres, what will be the lifespan of an engine which is usually driven at a speed of 40 km per hour?
- (iv) Given that the normal lifespan of an engine is 60,000 km, what was the lifespan of an engine, which was driven for 20,000 kilometres at a speed of 60 km per hour and later at a speed of 40 km per hour?
- (v) Running an engine between 60 kilometres per hour and 40 km per hour, the lifespan increases by what percent?
- (vi) At what speed (kmph) would the engine have the maximum life? 8
- (b) The Human Development Index (HDI) is a simple average of three indexes
- (A) Life Expectancy Index (to reflect health)
- (B) Education Index (to reflect knowledge)
- (C) GDP/SDP Index (to reflect standard of living)

The Education Index (B) is a combined index of two indexes:

- (i) adult literacy rate with 2/3 weight and
- (ii) combined gross enrolment rate with 1/3 weight. Compute the HDI for INDIA and KERALA from the following data: INDIA KERALA
- (A) Life Expectancy Index 57.2 78.0





- (B) Education Index
- (i) Adult Literacy Rate 48.7 86.0
- (ii) Combined Gross enrolment rate 59.1 100.6
- (C) GDP/SDP Index 19.0 19.5

[Note: SDP is State Domestic Product] 8

15. Attempt all the questions. All questions carry equal

marks: 4 × 2 = 8

(a) Consider the following data

Weekly Wages in an Office (Rs.)

Position in the Office	<b>Weekly Wages</b>
Senior Consultant	700
	600
	550
Junior Consultant	180
	180
	160
	160
Clerical Helpers	100
	100
	100
	100
	100
	100
Which of the three evere	aco-orithmotic mad

Which of the three averages—arithmetic mean, median and mode, adequately represents the data?

(b) In a moderately skewed distribution the following values were obtained Arithmetic mean = 24.6 Mode = 26.1

Find the value of themedian and explain the reason for the method employed.

- (c) Suppose an item is sold at the rates of 18, 20, 22 and 25 rupees per litre in four different months. Assuming that equal amounts of money are spent on the particular item by a customer in the four months, find the average price in rupees per litre of the item.
- (d) The average of 11 observations is 50. The mean of the first six observations is 49 and that of the last six observations is 52. Find the value of the sixth observation.

#### ESSAY (Compulsory) - 2004

#### Write an essay on any one of the following subjects

- 1. India's Role in Promoting ASEAN Cooperation.
- 2. Judicial Activism and Indian Democracy.
- 3. Whither Women's Emancipation?
- 4. Globalisation and Its Impact on Indian Culture.
- 5. The Lure of Space.
- 6. Water Resources Should Be Under the Control of the Central Government.







# UPSC MAINS Papers

# UPSC Mains Exam General Studies Paper-1-2003

- 1. Answer any ONE of the following (about 250 words): 30
- (a) "The reforms of 1909 introduced a cardinal problem and ground of controversy at every revision of the Indian electoral system." Comment.
- (b) Discuss the problems that impeded the integration of the princely states into the Indian Union. How were these problems tackled?
- 2. Answer any TWO of the following (about 150 words):  $2 \times 15 = 30$
- (a) 'The mainstay of Mahatma Gandhi's Movements was the rural India: Elucidate.
- (b) Discuss the character of major tribal uprisings in British India in the nineteenth Century.
- (c) Bring out the ideological basis of the Moderate Extremist divide in the Indian National Congress.
- 3. Write about the following (not exceeding 20 words each):  $15 \times 2 = 30$
- (i) Arthasastra
- (ii) Sarnath Pillar
- (iii) The Jatiya Sarkar of Tamluk

- (iv) Punnapra-Vayalar
- (v) Sajjad Zahir
- (vi) Al-Hilal
- (vii) Har Dayal
- (viii) Khudai Khidmatgar
- (ix) Mahayana Cult
- (x) W. W. Hunter
- (xi) Indu Lal Yajnik
- (xii) Achyut Patwardhan
- (xiii) Sir William Jones
- (xiv) James Wilson
- (xv) Ghulam-gri.
- 4. Answer any TWO of the following (about 125 words each): 2 × 10 = 20
- (a) Describe the major characteristics of the rivers of Peninsular India.
- (b) Account for the very high concentration of salt extraction industries in the Saurashtra and South Tamilnadu Coast.
- (c) State the four distinctive stages of Indian Demographic history.
- 5. Write short notes on the following (about 20 words each):  $5 \times 2 = 10$
- (i) Define Terai Region.
- (ii) Mention the area of Shola forests in India.
- (iii) Who are Todas and where do they live?





- (iv) Name any four principal languages of Andaman and Nicobar Islands.
- (v) What is MRTS? Where it is in operation?
- 6. Answer any ONE of the following (about 250 words) : 30
- (a) Discuss the question of death sentence and Presidential clemency.
- (b) Explain the discretionary powers of the Governor of a State.
- 7. Answer any ONE of the following (about 250 words): 30
- (a) Discuss Parliamentary Control over the Executive.
- (b)Identify the major obstacles in the smooth functioning of Parliamentary democracy in India.
- 8. Answer any TWO of the following (about 150 words each):  $2 \times 15 = 30$
- (a) Highlight the significance of Forty Fourth Amendment to the Constitution of India.
- (b) Identify the major-Fundamental Duties.
- (c) Explain the relevance of Rajya Sabha as a second chamber in the federal set up of Indian Parliamentary System.
- 9. Answer the following (about 20 words each):  $5 \times 2 = 10$
- (a) What is a point of order? When can it be raised?
- (b) What is a Privilege Motion?
- (c) State the difference between Council of Ministers and the Cabinet.
- (d) Howis the Vice President of India elected?
- (e) What is meant by 'Sine-die' adjournment?
- 10. Write on anyONE of the following (about 250 words): 30
- (a) Discuss the steps taken by Government to check child labour and promote child welfare.
- (b) Suggest measures for the eradication of wide spread corruption in Public Life India.
- 11. Write on any TWO of the following (about 125 words each):  $2 \times 10 = 20$
- (a) The issue of gender equality in India.

- (b) Natural Heritage and Cultural Heritage.
- (c) Identify the types of disabilities.
- 12. Write notes on any TWO of the following (about 125 words each):  $2 \times 10 = 20$
- (a) What are the distinctive features of the Lokpal Bill introduced in the Parliament this year?
- (b) What is the Prime Minister's Five-point agenda for India's development as a Knowledge Society?
- (c) What are the preconditions for the growth of Civil Society? Is Indian democracy conducive to it?
- 13. Write about the following (about 20 words each):  $5 \times 2 = 10$
- (a) Anthrax
- (b) Radiation & its effects
- (c) The Statue of Liberty
- (d) George Walker Bush
- (e) Genome.

# UPSC Mains Exam General Studies Paper-2-2003

- 1. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) Discuss the major issues in Indo-US relations in recent times.
- (b) Discuss the impact of the collapse of the Soviet Union on Indo-Russian relations.
- (c) Discuss the recent trends in India's relations with China.
- 2. Answer the following (in about 20 words each):2  $\times$  5 = 10
- (a) Discuss the importance of the Agra Summit on Indo Pakistan relations.
- (b) What has been the nature of "Track II diplomacy" between India and Pakistan?
- (c) Discuss the major irritants to Indo-Bangladesh relations.
- (d) Discuss India's policy towards international terrorism.





- (e) In what sense is Indo-Nepal cooperation important for both countries' national security?
- 3. Answer the following (in about 20 words each):  $2 \times 5$  = 10
- (a) Under what conditions are NRIs permitted to remit deposits in India in any currency of their choice?
- (b) How can NRIs be attracted to invest in India?
- (c) What is the significance of the Pravasi Bhartiya Divas in modern India?
- (d) In what ways did Idi Amin make life difficult for the people of Indian origin in his country? (e) What is "Brain drain"?
- 4. Answer any one of the following (in about 250 words): 30
- (a) Write a note on the strategy of planning in India since 1951.
- (b) What were the major recommendations of the Task Force on direct taxes appointed under the Chairmanship of Shri Vijay L. Kelkar?
- 5. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) Outline the important objectives of the Tenth Five Year Plan.
- (b) What is a Finance Commission?
- (c) Point out the measures undertaken towards flexibility in capital account transactions during the recent past.
- 6. Answer the following (in about 20 words each): 2 × 15 = 30
- (a) What is Plan Holiday?
- (b) Why did India have a surplus in current account balance in 2001-02 after a gap of 24 years?
- (c) What is Value Added Tax?
- (d) What is the main objective of the Competition Act, 2002?
- (e) Name the two agencies that have helped to promote Foreign Direct Investment (FDI) in India.
- (f) What is the main thrust of the Fiscal Responsibility and Budget Management Bill?
- (g) Highlight the main feature of the policy relating to buy-back of shares.

- (h) Why was Janashree Bima Yojana introduced?
- (i) When was the idea of Agriculture Insurance Corporation mooted?
- (j) What is the policy of the Government with respect to child labour?
- (k) Explain the objectives of the National Health Policy, 2002.
- (I) What was the main objective of the 'Operation Blackboard' scheme?
- (m) Explain the essential feature of differential rate of interest scheme.
- (n) Which are the three major items of expenditure of the Government of India on revenue account?
- (o) What was the essential feature of the Pradhan Mantri Gram Sadak Yojana ?
- 7. Answer any two of the following (in about 150 words each):  $15 \times 2 = 30$
- (a) What is the 'Veto' in the UN-system?
- (b) Discuss the role of the NATO after the end of the Cold War.
- (c) Discuss the role of the United Nations in the protection and promotion of Human Rights.
- 8. Answer the following (in about 20 words each): 2 × 5 = 10
- (a) What do the following stand for
- (i) IBRD.
- (ii) UNHCR
- (b) Who is Hans Blix?
- (c) Why was David Kelly in the news recently?
- (d) What is the problem in Chechnya?
- (e) What is the significance of the Robin Island?
- 9. Answer the following (in about 20 words each): 2 × 5 = 10
- (a) What is the significance of Enola Gay in world history?
- (b) Why is Guantanamo Bay in the news now?
- (c) What is the theory of "clash of civilisations"?
- (d) What does the theory of "end of history" mean?
- (e) Why was Robert Mugabe in the news recently?





### 10. Answer any one of the following (in about 250 words): 30

- (a) What do you understand by depletion of ozone layer and why is it considered harmful? Name ozone depleting substances and processes. What international ramifications took place to protect the ozone layer and what was the target agreed upon?
- (b) What is interactive television? What special advantages are derived by using VOD services? What are the components of a typical VOD system? Which feature film was generated first entirely on computers and in which year?

### 11. Answer any two of the following (in about 150 words each): $15 \times 2 = 30$

- (a) What does the solar system consist of? Discuss the motion of the entire solar system as a whole and also the motion of most of the bodies forming the solar system.
- (b) In which year and by which countries was International Space Station (ISS) launched? How many countries are participating in this program? What are the unique studies being made in the station which could not be made so accurately on the earth?
- (c) Discuss the elements of 'frozen semen technology. What are 'embryo transfers 'transgenic animals', 'DNA recombinant technique'?

### 12. Answer the following (in about 20 words each): $2 \times 5 = 10$

- (a) What is 'Sympathetic Haptics'?
- (b) What are special features of 'Linux'?
- (c) What is an operating system? List the basic services provided by an operating system.
- (d) What is an 'Internet Worm'? Explain DDoS.
- (e) What do the following stand for?
- (i) POSIX (ii) EPROM
- (iii) MODEM (iv) COBOL
- **13.** (a) In the year 2001 there were 18000 workers in a certain factory, of which 13000 were members of a trade union, 12% of workers were women and 60% of them were members of the trade union. In the year 2002 the

number of workers increased by 6% of which 480 were women. At the same time the trade union membership of women fell by 304 while the total membership increased by 10%. In the non-members category, the ratio of men and women was 4:1 in this year. Tabulate this information and supply the missing figures. 8

(b) The following table gives the frequency distribution of height for 180 adults males Height (in cm) Frequency

144.5 - 149.5 3

149.5 - 154.5 5

154.5 - 159.5 24

159.5-164.5 54

164.5 - 169.5 60

169.5 - 174.5 27

174.5 - 179.5 4

179.5 - 184.5 3

Draw the two ogives ("less than" and "greater than" type cumulative frequency curves). Find the point of their intersection and comment on its significance. 8

- **14. (a)** The mean and variance of a set of 60 observations are 10 and 4 respectively while for a subset of 40 observations these measures are 11 and 2.25 respectively. Find the mean and variance of the other subset. 8
- (b) The three outcomes of an experiment; w1, w2 and w3 are such that w1 is twice as likely to occur as w2 which is twice as likely to occur asw3. Find the probability of occurrence of each of the three outcomes. 8
- **15.** (a) What are the problems that a statistician encounters in the process of construction of index number? 2
- (b) Suppose that the regression line of two random variables y and x is given by y = 26.38 1.35x and that of x and y is given by x = 16.38 0.45y. Find the square of the coefficient of correlation between x and y. 2
- (c) If the correlation coefficient between two random variables is zero, are the random variables independent?





(d) In a certain factory, a unit of work is completed by A in 10 minutes, by B in 20 minutes. What is the average number of units of work completed per minute? 2

#### ESSAY (Compulsory) - 2003

Write an essay on any one of the following subjects 1. The Masks of New Imperialism.

- 2. How far has democracy in India delivered the goods?
- 3. How should a civil servant conduct himself?
- 4. As civilization advances culture declines.
- 5. There is nothing either good or bad but thinking makes it so
- 6. Spirituality and Scientific temper.







# UPSC MAINS Papers

# UPSC Mains Exam General Studies Paper-1-2002

- 1. Answer any one of the following (about 250 words): 30
- (a) What was the Butler Committee Report? Discuss the reactions on the Report in India.
- (b) Why did Jinnah reject the C. R. Formula?
- 2. Answer any two of the following (about 150 words each):  $2 \times 15 = 30$
- (a) Trace the growth of the Indian Home Rule Movement in Britain.
- (b) Evaluate the attitudes of different political parties towards Ouit India Movement.
- (c) Review the 'Dickie Bird Plan'.
- 3. Write about the following (not exceeding 20 words each):  $15 \times 2 = 30$
- (i) Anandmath
- (ii) Bismillah Khan
- (iii) Chris Evert
- (iv) Chamber of Princes
- (v) Dharma Sabha

- (vi) Divide et impera
- (vii) Dandi March
- (viii) Garry Kasparov
- (ix) Keshab Chandra Sen
- (x) Nivedita
- (xi) Pele
- (xii) Raidasa
- (xiii) Satyagraha
- (xiv) Steffi Graf
- (xv) Theodore Beck

### 4. Answer any two of the following (about 125 words each): $2 \times 10 = 20$

- (a) Give an account of the tea plantations of Assam and West Bengal and state the economic significance of these plantations.
- (b) Discuss the distribution of winds and rainfall over India in the summer monsoon season.
- (c) Define the concept of 'growth centres' and evaluate its relevance in regional planning in India.
- 5. Write short notes on the following (about 20 words each):  $5 \times 2 = 10$
- (i) Name of main petroleum producing areas in India
- (ii) Jhum cultivation process and consequences
- (iii) Kaziranga National Park





- (iv) Census definition of urban places
- (v) Khetri Copper Project

### 6. Answer any one of the following (about 250 words): 30

- (a) "The issue of a hung Parliament adversely affects the stability of Indian Government." Discuss the statement and point out how far changing over to the Presidential form of government will be a solution to this problem.
- (b) Why does the Constitution of India provide different forms of Oaths for the President, the Ministers, the legislators and the members of the judiciary? Discuss their significance.

### 7. Answer any one of the following (about 250 words): 30

- (a) What is the position of the Supreme Court under the Constitution of India? How far does it play its role as the guardian of the Constitution?
- (b) Howis the Constitution of India amended? Do you think that the procedure for amendment makes the Constitution aplay-thing in the hands of the Centre?

### 8. Answer any two of the following (about 150 words each): $2 \times 15 = 30$

- (a) Discuss the constitutional provisions relating to the nonjusticiable directives binding upon the states.
- (b) Describe the methods of delimiting constituencies for parliamentary elections in India.
- (c) Explain the role of the Public Accounts Committee.

### 9. Answer the following (about 20 words each): $5 \times 2 = 10$

- (i) What is the importance of the 84th Amendment of the Indian Constitution?
- (ii) Under what Article of the Constitution can the Union Government play its role in settling inter-state water disputes?
- (iii) What is the role of the protem speaker?
- (iv) What is meant by the 'lame-duck session' of the legislature?

(v) What is meant by the 'fringe areas' in the sphere of local government in India?

### 10. Write on any one of the following (about 250 words): 30

- (a) What is the composition of the Electoral College for the election of the President of the Indian Republic? How is the value of votes cast counted?
- (b) "Biotechnology boommay pave a golden path for India." Discuss.

### 11. Write on any two of the following (about 125 words each): $2 \times 10 = 20$

- (a) What were the main strategic concerns of the Indonesian President Megawati Sukarnoputri during her recent visit to India?
- (b) What is 'TRIFED'? What are its objectives?
- (c) How has the dwindling of barbed variety of rice affected the Siliguri Bagdogra belt with respect to mananimal conflict?

### 12. Write notes on any two of the following (about 125 words each): $2 \times 10 = 20$

- (a) What is Integrated Wastelands Development Programme?
- (b) Write briefly about Desert Development Programme.
- (c) Write briefly about the Programmes for 'Welfare of the Disabled'.

### 13. Write about the following (about 20 words each): $5 \times 2 = 10$

- (i) Prof. B.P Sinha
- (ii) Maj. Gen. S. S. Sharma
- (iii) Kondapalli Seetharamaiah
- (iv) Aung San Suu Kyi
- (v) Thalassery, Kerala





## UPSC Mains Exam General Studies Paper-2-2002

### 1. Answer any TWO of the following (Answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) Discuss the major irritants in Indo-China relations and highlight the latest moves to overcome these.
- (b) How did U.S. respond to the problem of Cross-border terrorism in the State of Jammu and Kashmir after the Kaluchak events?
- (c) Account for India's opposition to Comprehensive Test Ban treaty.

### 2. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) Explain India's stand on LTTE
- (b) What does 'Gujral doctrine' stand for?
- (c) How does India benefit from good neighbourly relations with Bangladesh?
- (d) What do you know about 'Pinaka'?
- (e) Explain India's 'No First Use' policy in context of Nuclear Weapons.

### 3. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) What are the problems NRIs have to face if they decide to settle in India?
- (b) What was India Millennium Deposit Scheme?
- (c) What has been the impact of Gulf remittances on India's economy?
- (d) Name the nodal agency to deal with issues relating to Indians abroad and explain its main task.
- (e) What is distinction between 'Non Resident Indian' and 'People of India origin'?

### 4. Answer any ONE of the following (Answer should be in about 250 words)

- (a) Outline the main targets fixed in the National Population Policy 2000. What have been the follow up measures to this policy ? 30
- (b) The main thrust of Export-Import Policy 2002 07 is on creating a framework for enhancing India's export capability. In the light of this statement outline the salient features of EXIM Policy 2002-07. 30

### 5. Answer any TWO of the following (Answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) What are 'Minimum Support Prices' in agricultural products? What are their objectives?
- (b) Outline the main objectives and achievements of the policy of disinvestment in India.
- (c) With what objectives was 'Essential Commodities Act 1955' amended last year

### 6. Answer the following (Answer to each question should be in about 20 words): $2 \times 15 = 30$

- (a) What is peak rate of Custom duty? What are its objectives in India?
- (b) Define fiscal deficit.
- (c) Explain the provision of OGL.
- (d) Elucidate 'Special Economic Zones'.
- (e) Highlight salient feature of 'National Highway Development Project'.
- (f) What is the role of SEBI?
- (g) Explain RBI's 'Automatic route' in FDIs.
- (h) With what objectives was 'Annapurna' Scheme launched?
- (i) Elucidate 'Sampoorna Gramin Rozgar Yojna'.
- (j) The Union Budget 2002-03 recommended some services to be taxed.

Name any 4 of these services.

- (k) What is 'dumping'? What is its objective?
- (I) What do you understand by 'Capital Account Convertibility' of Rupee?
- (m) Define Sex ratio in the population of India. What is its present status?
- (n) Distinguish between ad-valorem and specific duties.





(o) Define zero-based budget.

### 7. Answer any TWO of the following (Answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) Highlight the main points of Nuclear Disarmament Treaty signed by U.S. President George Bush and Russian President Vladimir Putin in May 2002.
- (b) Outline the features of latest Saudi Peace Plan for West Asia Crisis and assess its importance.
- (c) "NAM (Non-Aligned Movement) is relevant in Unipolar World as well." Comment.

### 8. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) What do the following stand for?
- (i) WCAR
- (ii) SPDC
- (iii) INTERPOL
- (iv) WIPO.
- (b) Why was Bander Seri Begawan in news recently?
- (c) Who is Xanana Gusmao?
- (d) What do youmean by Uni-PolarWorld?
- (e) What do you know about North-South dialogue?

### 9. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) What do the following stand for?
- (i) UNHCR (ii) UNIDO
- (iii) WTO (iv) MIGA.
- (b) What is meant by AU?
- (c) Explain U.S. stand on the proposal for establishing an International Crime Court.
- (d) What is the main purpose of G-15?
- (e) Why is SAFTA being mooted?

### 10. Answer any ONE of the following (Answer should be in about 250 words)

- (a) Plastic hazards- Discuss.30
- (b) Discuss in detail "The Internet Telephony as an alternative". 30

### 11. Answer any TWO of the following (Answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) What are the fundamental constants and their use in the measurement system?
- (b) Discuss about 'Environment', its components and its awareness.
- (c) What is Human Cloning ? Is it dangerous or beneficial? Discuss.

### 12. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) What is a digital camera'?
- (b) What is firewall in Computer Language?
- (c) What is multimedia?
- (d) What do the following stand for?
- (i) HTML
- (ii) FTP
- (iii) MELOPS
- (iv) PLANIT.

Doutionland

(e) What is Piracy?

#### 13. Answer the following:

(a) The figures below give the revenue expenditure in U.P. on education in crore of rupees for the last three years

Evpanditura (Crara Pa )

Particulars Expend	<u>aiture (</u>	Crore R	<u>(S.)</u>
1998-19	999 199	99-2000	2000-2001
Primary Education	68.00	78.00	118.00
Secondary Education	40.00	45.00	74.00
Special Education	30.00	35.00	45.00
University and	50.00	52.00	56.00
Higher Education			
Technical Education	35.00	38.00	42.00
Sports and Youth Welfare	20.00	22.00	30.00

Represent the above information by suitable diagram. 8 (b) Represent the following data by frequency polygon:





Weekly Wages (Rs.)	No. of Wo	rkers
0-10	10	
10-20	15	
20-40	18	
40-70	60	
70-100	45	
100-120	40	
120-150	30	8

#### 14. Answer the following:

(a) The life of two models A and B of refrigerators in a recent surrey is tabulated as follows:

Life (No. of years)	Model A	Model B
0-2	5	2
2-4	16	7
4-6	13	12
6-8	7	19
8-10	5	9
10-12	4	1

- (i) What is the average life of each model of these refrigerators?
- (ii) Which model shows more uniformity? 2 + 6 = 8
- (b) The following table shows the distribution of 100 families according to their expenditure per week. Number of families corresponding to the expenditure groups Rs. (1020) and Rs. (30-40) are missing from the table. The median and mode for the distribution are Rs. 25.00 and Rs. 24.00 respectively. Calculate the missing frequencies:

Expenditure (Rs.)	No. of families
0-10	14
10-20	_
20-30	27
30-40	_
40-50	15 8

#### 15. Answer the following : $2 \times 4 = 8$

- (a) The average rainfall of a certain place for Monday to Saturday is 15 inches. Due to heavy rainfall on Sunday, the average rainfall of the week rose to 25 inches. How much rainfall was there on Sunday?
- (b) The following are the information pertaining to employees of a factory

Total number of employees 100

Average salary of all employees Rs. 5000.00

Average salary of male employees Rs. 5200.00

Average salary of female employees Rs. 42.00.00

What is the number of male and female employees?

- (c) If each value in a sample of size 15 is multiplied by 10, then whether the mean will be changed, justify your answer. What will happen to the mean if 12 is subtracted from each value?
- (d) A person owns two Companies A and B. He invested Rs. 10 lakh to establish Company A and Rs. 10 crore to establish Company B. The average profits earned from both the companies are the same. Which of the two companies is better fromprofit earning point of view? Justify your answer.

#### ESSAY (Compulsory) - 2002

Write an essay on any one of the following subjects

- 1. Modern Technological Education and human values.
- 2. Search for Truth can only be a spiritual problem.
- 3. If youth knew, if age could.
- 4. The paths of glory lead but to the grave.
- 5. Privatisation of Higher Education in India.
- 6. Responsibility of media in a democracy.







# UPSC MAINS Papers

## UPSC Mains Exam General Studies Paper-1-2001

- 1. Answer any one of the following (about 250 words):30
- (a) Discuss the main objectives of the Indian national movement up to 1905. What were its basic weaknesses during this period?
- (b) What administrative changes were introduced in India after 1858?

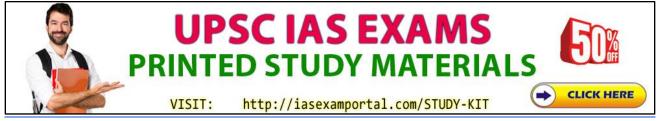
What were the objectives of these changes?

### 2. Answer any two of the following (About 150 words each): $2 \times 15 = 30$

- (a) How did the movement for the liberation of women receive a great stimulus from the rise and growth of the nationalist movement in India?
- (b) Discuss the aims and objects of the Khilafat Movement. To what extent was it successful?
- (c) Why did Gandhi launch the Salt Satyagraha in 1930 and with what results?

### 3. Write about the following (About 20 words each) 15 $\times$ 2 = 30

- (i) Aryabhatta
- (ii) D. K. Karve
- (iii) J. Krishnamurti
- (iv) Prarthana Samaj
- (v) Ghadar Party
- (vi) Satyashodhak Samaj
- (vii) Jamnalal Bajaj
- (viii) Banabhatta
- (ix) Gopi Kishna
- (x) Pupul Jayakar
- (xi) Mohammad Iqbal
- (xii) Jay deva
- (xiii) T. Prakasam
- (xiv) Champaran Satyagraha
- (xv) Ali Brothers





### 4. Answer any two of the following (About 125 words each) $2 \times 10 = 20$

- (a) What are mangroves and in what way are they useful to us?
- (b) Explain the causes of the Indian Monsoon.
- (c) Had there been no Himalayas, what would have been the winter climate in north India?

### 5. Write short notes on the following (About 20 words each): $5 \times 2 = 10$

- (ii) Hirakud Project
- (iii) Glacier
- (iv) Two prominent left bank tributaries of river Ganges
- (v) Equinox

### 6. Answer any one of the following (About 250 words): 30

- (a) Discuss the administrative relations between the centre and the states in the light of recent controversies.
- (b) Bring out the aberrations of the parliamentary system of government in India.

### 7. Answer any one of the following (About 250 words):30

- (a) What is the constitutional position of Directive Principles of State Policy? How has it been interpreted by the judiciary after the emergency in 1975-77?
- (b) What are the main differences between the passage of a Constitution Amendment Bill and other Legislative Bills?
- 8. Answer any two of the following (About 150 words each):  $2 \times 15 = 30$

(a) Comment on the nature of Ordinance making power of the President of India.

What safeguards are there against possible misuse?

- (b) Distinguish between Cabinet Secretariat and Prime Minister's Secretariat. Which of these is more important?
- (c) Discuss the constitutional provisions regarding the rights of children.

### 9. Answer the following (About 20 words each): $5 \times 2$ = 10

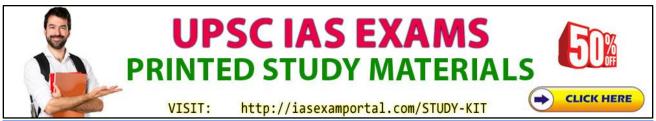
- (a) Explain the Local Area Development Scheme of the Members of Parliament.
- (b) What is Ethics Committee of Lok Sabha?
- (c) Why is it said that the centre has absolute veto over State Legislature?
- (d) What is Call Attention Motion?
- (e) When is the device of joint sitting of both the Houses of Parliament not available?

### 10. Write any one of the following (About 250 words): 30

- (a) Review the population policy of the Govt. of India giving the distinguishing features.
- (b) Discuss the significance of GSLV in space research.

### 11. Write on any two of the following (About 125 words each) $2 \times 10 = 20$

- (a) Determine the utility of Direct To Home in broadcasting system.
- (b) What are the UNDP indicators with reference to the planning process?
- (c) What are the Human Rights issues involved in relation to the arrest of M. Karunanidhi in Tamil nadu in July 2001?





### 12. Write notes on any two of the following (About 125 words each): $2 \times 10 = 20$

- (a) Swarn Jayanti Gram Swaraj Yojana
- (b) Law Commission of India
- (c) Lalit Kala Akademi

### 13. Write about the following (About 20 words each): $5 \times 2 = 10$

- (a) Pullela Gopichand
- (b) E-commerce
- (c) ICCR
- (d) Sports Authority of India
- (e) NCERT

# UPSC Mains Exam General Studies Paper-2-2001

### 1. Answer any two of the following (Answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) Discuss the global response to President George Bush 'National Missile Defence Plan' (NMD).
- (b) What were the major recommendations of the group of ministers' on Indian National Security System?
- (c) Examine the latest phase of Indo-Iran Relations.

### 2. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) What is India's 'Look East Policy'?
- (b) What do you understand by 'G15'?
- (c) Explain the problem of infiltration in eastern parts of India.
- (d) Why does India object to Kashmir being treated as a disputed territory'?
- (e) What is the significance of Pyrdiwah and Boraibari in Indo Bangladesh relations?

### 3. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) In what field shave N.R.I.'s excelled in the developed countries?
- (b) In which specialties Indians are most wanted abroad?
- (c) What efforts are being made by Indian Government to look after N.R.L's?
- (d) What is the contribution of the N.R.I.'s to India's development?
- (e) Why do N.R.I.'s retain their emotional attachment to India?

### 4. Answer any ONE of the following (Answer should be in about 250 words)

- (a) What is the incidence of poverty in India? How should poverty alleviation programmes be constructed?
- (b) Indian economy presents a paradox of high savings rate with low-income and high savings rate with low growth rate. Analyse. 30

### 5. Answer any TWO of the following (Answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) Liberalisation of the Indian economy since 1991 has led to excessive consumerism and over-production of 'white goods'. Elucidate.
- (b) What are the hurdles faced by the Finance Ministers of India in keeping the fiscal deficit below 3-4 percent of the GDP?

Suggest steps to lower the fiscal deficit.

(c) Discuss the nature and causes of the UTI Crisis with particular reference to US-64. How does this UTI fiasco affect the investment climate in India?

### 6. Answer the following (Answer to each question should be in about 20 words): $2 \times 15 = 30$

- (a) What is 'CRISIL'? What does it do?
- (b) What do you understand by "Current Account Convertibility of Rupee"?





- (c) What do you mean by providing industry status to agriculture in India?
- (d) Elucidate "Operation Flood".
- (e) Expand the term "nasdaq".
- (f) Differentiate between "galloping inflation" and "runaway inflation".
- (g) What is meant by "couple protection ratio"?
- (h) Distinguish between "human development index" and "gender-related development index".
- (i) What is green GNP?
- (j) Distinguish between a "hard" currency and a "soft" currency.
- (k) Explain "rolling plan".
- (I) Illustrate Lorenz curve.
- (m) What is meant by "trickle-down" theory of development.
- (n) What is "misery index"?
- (o) What is meant by "Most Favoured Nation" policy?

### 7. Answer any TWO of the following (Answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) Discuss the significance of Kyoto Protocol. Why is U.S.A. not signing it?
- (b) Evaluate the performance of Summit meeting of the Arab League held in March 2001?
- (c) Outline the salient features of India's nuclear policy and explain the reasons for India's refusal to sign the C.T.B.T.

### 8. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) What do the following stand for?
- (i) UNCIP
- (ii) KLA.
- (b) Why has Slobodan Milosevic been in news in the recent past?
- (c) Who is Gao Zhan?
- (d) Who is Megawati Sukarnoputri?
- (e) Which is the latest right confirmed by the 57th session of the United Nations?

### 9. Answer the following (Answer to each question should be about 20 words): $2 \times 5 = 10$

- (a) What is GCC?
- (b) Why was Macau in the news recently?
- (c) What is G8?
- (d) What is European Union?
- (e) Explain the position of US vis a vis the League of Nations.

### 10. Answer any ONE of the following (Answer should be in about 250 words)

- (a) What is a cryogenic engine? Discuss its significance in India's space programme.
- (b) What are stem cells? Why have they been in the news recently? Discuss. 30

### 11. Answer any TWO of the following (Answer to each question should be in about 150 words): $15 \times 2 = 30$

- (a) What is fibre optics? What advantages does it offer in telecommunications? Elaborate.
- (b) What is vermi composing? Discuss its importance in the Indian context.
- (c) What does the Montreal Protocol deal with? Discuss its role in protecting Earth's Environment.

### 12. Answer the following (Answer to each question should be in about 20 words): $2 \times 5 = 10$

- (a) What is "handshake" in computer language?
- (b) What is "ethernet" and what is it used for?
- (c) What is "digital signature" and what is it used for?
- (d) What do the following stand for?
- (i) DRAM (ii) JPEG
- (iii) ASCII (iv) IMAP
- (e) What is a WAP-enabled phone?

#### 13. Answer the following

(a) A sample survey based on 280 postgraduate students was undertaken to study student attitude towards a proposed change in the dormitory





regulations. Each student was to respond as' yes' or 'no' or 'indifferent' in regard to the issue, The results are tabulated below:

Response	Percentage of students
yes	54
no	28%
indifferent	18%

Use a pie chart to represent the above information, and obtain the number of students saying 'no' to the proposed Change.

(b) Represent the following data by percentage subdivided bar diagrams: 8

Item of	Expenditure (Rs.)	
Expenditure	Family X	Family Y
A. Food	200	300
B. Clothing	48	75
C. Education	32	40
D. House Rent	40	75
E. Miscellaneous	80	110
Total	400	600

#### 14. Answer the following: 4 + 2 + 2 = 8

(a) Representing the following data by suitable graphs, determine there from the number of children having I.Q. (i) below 105 (ii) above 124:

I.Q.	Number of Children
75-84	8
85-94	20
95-104	45
105-114	54
115-124	28
125-134	16
135-144	7
145-154	3

(b) The following table shows certain data collected for the three regions of a country:

Region No. of % of Average annual

Inhabitants	literates	income per
(millions)		person (Rs.)
10	52	8000
5	68	5800
20	41	7500
	<b>(millions)</b> 10 5	10 52 5 68

Obtain the overall figures for the three regions taken together.  $4 \times 2 = 8$ 

#### 15. Answer the following : $2 \times 4 = 8$

- (a) A man goes by car from town 'A' to town 'B'. A large part of the distance is uphill and he gets a mileage of 10 kms per litre of fuel. On his way back, he makes 15 kms, per litre of fuel. The distance between the two towns is 60 kms. What is the average mileage per litre of fuel?
- (b) In a school, there are 15 teachers. One of them drawing a monthly salary of Rs. 7,800 retires and a fresh appointment is made for a monthly salary of Rs. 6,300. By what amount is the average monthly salary of teachers changed?
- (c) The geometric rate of growth of sales for a company for the first three years was 25% and for the next three years was 40%. Is the claim of average growth being 65% valid? Give analytic reason in support of your answer.
- (d) A trains runs non-stop from New Delhi to Kanpur at a speed of 75 kmph and returns the same way at a speed of 60 kmph. Can you conclude that the average speed for the up and down journey is 67.5 kmph? Justify your answer analytically.

#### ESSAY (Compulsory) - 2001

#### Write an essay on any one of the following subjects.

- 1. What have we gained from our democratic set-up?
- 2. My vision of an ideal world order.
- 3. The march of science and the erosion of human values.
- 4. Irrelevance of the classroom.
- 5. The pursuit of excellence.





6. Empowerment along cannot help our women.



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